

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

MINUTES OF THE COUNCIL MEETING

held at the Palais de Congrès, Paris, France

Sunday, 1st September 2013

PRESENT:

Professor Jean-Louis Briaud	- ISSMGE President
Professor Samuel U. Ejezie	- ISSMGE Vice President Africa
Professor Askar Zhussupbekov	- ISSMGE Vice President Asia
Professor Michael C.R. Davies	- ISSMGE Vice President Australasia
Professor Ivan Vaniček	- ISSMGE Vice President Europe
Professor Gabriel Auvinet Guichard	- ISSMGE Vice President North America
Dr Roberto Terzariol	- ISSMGE Vice President South America
Professor Pedro Sêco e Pinto	- ISSMGE Immediate Past President
Professor R.N. Taylor	- ISSMGE Secretary General
Professor Roger Frank	- ISSMGE Board Member
Professor Charles Ng	- ISSMGE Board Member
Professor Ikuo Towhata	- ISSMGE Board Member
Professor Kenji Ishihara	- Past President ISSMGE
Professor Michele Jamiolkowski	- Past President ISSMGE
Professor William Van Impe	- Past President ISSMGE
Professor Paul Mayne	- Chair TC In-situ testing
Professor Christophe Gaudin	- Chair TC Physical modelling
Professor Pierre Delage	- Chair TC Unsaturated soils
Professor António Gomes Correia	- Chair TC Transportation
Dr Albert Ho	- Chair TC Interactive Design
Professor Vladimir Ulitsky	- Chair TC Soil Structure
Professor Zeping Xu	- Chair TC Dams
Professor Deepankar Choudhury	- Secretary TC Deep Foundations
Professor Malek Bouazza	- Vice Chair TC Geo-environmental
Professor Dipanjan Basu	- Chair TC Sustainability
Professor Frederic Pellet	- Vice - President for Europe ISRM
Professor Fatma Baligh	- Vice President Elect Africa
Professor Mark Jaksa	- Vice President Elect Australasia
Professor Antonio Gens	- Vice President Elect Europe

Member Society	Voting Member	Non-Voting Member
Albania	Professor Luljeta Bozo	Ing. Geol. Skender Allkhja
Argentina	Eng. Alejo O. Sfriso	
Australia	Mr Graham Scholey	Professor John Carter
Austria	Professor Heinz Brandl	
Bangladesh	Professor Sarwar Yasin	
Belarus	Professor Dmitry Sobolevsky	Professor Oleg Popov
Belgium	Ir. Maurice Bottiau	
Bolivia	---	
Bosnia & Herzegovina	Professor Ivan Vrkljan*	
Brazil	Professor André Assis	Dr Carlos Silva
Bulgaria	Dr Andrey Totsev	
Canada	Dr Richard Bathurst	
Chile	Professor Ramon Verdugo	

Member Society	Voting Member	Non-Voting Member
China	Professor Maosong Huang	Professor Jianhong Zhang
Chinese Taipei	Professor Yung-show Fang	Professor Der-Wen Chang
Colombia	Mr Graham Scholey*	
Costa Rica	Eng. David Yañez Santillan*	
Croatia	Professor Ivan Vrkljan	Professor Predrag Kvasnička
CTGA	Professor Ibrahim Khalil Cisse	Dr Etienne Marcelin Kana
Cuba	---	
Czech & Slovak Republics	Professor Jana Frankovska	Professor Josef Jettmar
Denmark	Dr. Jørgen S. Steenfelt	Mr Ander T. Andersen
Dominican Republic	Professor Roberto Terzariol*	
Ecuador	---	
Egypt	Prof. Dr. Mohamed Sakr	
El Salvador	Professor Cesar Sagaseta*	
Estonia	Mr Prit Ilves	Eng. Mait Mets
Finland	Professor Tim Lämsivaara	Professor Leena Korkiala-Tanttu
France	Dr. Philippe Mestat	Mr Jacques Robert
Georgia	---	
Germany	Professor Georg Heerten	Dr Kirsten Laackmann
Ghana	Dr Samuel I. K. Ampadu	
Greece	Professor Ivan Vaniček*	
Hong Kong	Professor George Tham	Ir. Tony Cheung
Hungary	Professor József Mecsí	Mr Peter Görög
Iceland	Mr Haraldur Sigursteinsson	
India	Dr Gautam Gandhi	Professor G.L. Sivakumar Babu
Indonesia	Dr Masyhur Irsyam	Mr Idrus
Iran	Professor Abbas Soroush	Dr Fardin Jafarzadeh
Iraq	Dr Omar al-Farouk Salem al-Damluji	
Ireland	Professor Trevor Orr	
Israel	Professor Ivan Vaniček*	
Italy	Professor Stefano Aversa	Professor Mario Manassero
Japan	Dr Toru Sueoka	Dr Yoichi Watabe
Kazakhstan	Dr Rauan E. Lukpanov	Dr Victor Popov
Korea R	Professor Seung-Ho Lee	Professor Dong Soo Kim
Kyrgyzstan	Professor Askar Zhussupbekov*	
Latvia	Associate Professor Kaspars Bondars	
Lebanon	Prof. Salah Sadek	Prof. Muhsin Rahhal
Lithuania	Professor Vincentas Stragys	
Macedonia, FYR	Mr Bojan Susinov	
Mexico	Eng. David Yañez Santillan	Eng. Walter Paniagua
Morocco	Dr Essadaoui El Moustafa	
Mozambique	Professor Carlos Quadros	
Nepal	Dr Rauan E. Lukpanov*	
Netherlands	Dr Mandy Korff	
New Zealand	Mr Gavin Alexander	
Nigeria	Mr Fidelis Ejikeme	
Norway	Mr Kristian Aunaas	Mr Jan Holme
Pakistan	Professor Askar Zhussupbekov*	
Paraguay	Professor Roberto Terzariol*	
Poland	Professor Zbigniew Lechowicz	Professor Kazimierz Gwizdala
Portugal	Prof José Luis Machado do Vale	Dr Nuno Manuel da Costa Guerra
Romania	Professor Sanda Manea	Dr Ernest Olinic
Russia	Professor V.A. Ilyichev	
Serbia	Professor Ivan Vaniček*	
Singapore	Mr T S Chua	Professor C.F. Leung
Slovenia	Dr Vijkan	Dr Ana Petkovšek
South Africa	Dr Nicol Chang	Professor S.W. Jacobsz
S E Asia	Dr Teik Aun Ooi	
Spain	Professor Cesar Sagaseta	Professor Enrique Dapena
Sri Lanka	Dr Asiri Karunawardena	
Sudan	Dr Elfathi M. Ali	Dr Hussein Elarabi
Sweden	Dr Gunilla Franzén	Dr Håkan Garin Switzerland
Syria	Dr Talal Awwad	
Tajikistan	Professor Rustam Usmanov	
Thailand	Dr Suttisak Soralump	Dr Noppadol Peinwet
Tunisia	Mr Slaheddine Haffoudhi	
Turkey	Professor Feyza Cinicioglu	Professor Gokhan Baykal
Ukraine	Mr Petro Kryvosheiev	Mr Yuriy Slyusarenko
U K	Dr Christopher Menkiti	

Member Society	Voting Member	Non-Voting Member
U S A	Professor Robert Holtz	Professor Jorge Zornberg
Uzbekistan	Professor Askar Zhussupbekov*	
Venezuela	---	
Vietnam	Mr Nguyen Min Hai	

* Denotes Proxy vote

APOLOGIES:

Prof. Kok Kwang Phoon (Chairman TC304 – Risk)

1 OPENING REMARKS

The President opened the meeting by welcoming all delegates. He went on to state that Council would need to consider the eligibility of two Member Societies when votes were being taken. Dominican Republic had sent an email stating that they had paid their fees, but that payment was made after it was no longer possible for the Secretary General to check the ISSMGE account. The Syrian Geotechnical society had offered to settle their arrears, but current banking sanctions prevented it from doing so. The President asked if Council would allow these two member societies to cast votes during the meeting. This was agreed.

2 LIST OF DELEGATES AND OTHER PERSONS PRESENT

The Secretary General presented a list of delegates who had indicated their intention to attend the Council Meeting. All the voting delegates present were noted and as were the Member Societies who had transferred their voting rights by proxy.

3 QUORUM

A roll call was established. The complete list of delegates is given at the beginning of these minutes. The Secretary General confirmed that there were 81 Member Societies entitled to vote and since the voting delegates (including proxies) exceeded two thirds of this number, the meeting was declared quorate to deal with all matters.

4 MINUTES OF THE COUNCIL MEETING IN TORONTO, OCTOBER 2011

The Minutes of the Council Meeting in Toronto had been redistributed with the Council Meeting papers. The President asked if there were any comments or corrections to the Minutes, and there were none. On a show of hands the Minutes were approved with 77 votes in favour, 2 abstentions, and none against.

5 MEMBERSHIP

The Secretary General presented an updated summary of the present membership of ISSMGE (Appendix 1). He confirmed that currently there are 87 member societies, with four new Member Societies joining since the Toronto Council Meeting in September 2011: Belarus (joined in July 2012), Bosnia & Herzegovina (May 2013), Guatemala and Malaysia (September 2013). There had been no contact with the Georgian Society for Soil Mechanics and Geotechnical Engineering for more than four years, and its membership has been suspended. Currently there are 19800 individual ISSMGE members.

The current list of corporate sponsors is included in Appendix 1. There had been a substantial increase in Corporate Associates (currently 52 and an additional 7 who were exhibitors at the Paris Conference and had taken up the offer of the complementary offer of a year's membership).

Regarding the ISSMGE List of Members and CD, the Secretary General reported that by the time of the extended deadline that the Member Societies had been given to submit information, the Secretariat had received such a small response that he took the executive decision to abandon plans for producing the CD in 2013. He went on to report that Member Society lists of members were updated on the ISSMGE website whenever these were received and also the contact details of the member societies themselves were kept up-to-date on the website.

6 AMENDMENTS TO STATUTES AND BYLAWS RE GENDER NEUTRALITY

The President introduced this item. One of his duties as president was to choose the individual to deliver the Terzaghi Oration. After consultation with Member Societies and Board Members, the President invited Suzanne Lacasse to be the Orator. He then noticed that the Statutes and Bylaws were not gender neutral, and although a footnote appeared in the Statutes stating that "*the use of the masculine gender in the Constitution does not imply the position described is occupied by a male person*", he felt that it was time that the Statutes were brought up to date. He had asked the Secretary General to propose the changes, and these had been reviewed by the Board prior to inclusion in the Council Meeting Agenda.

The Secretary General stated that strictly speaking each amendment to the Statutes and Bylaws should be considered separately and voted on separately. However, since the changes all related to the same issue he asked for Council's approval that all the amendments could be considered together. This was approved nem con.

After a request by the President the motion was proposed by Jorgen Steinfeldt (Denmark) and seconded by Gautam Gandhi (India). The President then asked for comments. Samuel Ampadu (Ghana) asked for changes to Statute 10B to read "The Secretary General ~~may~~ shall not ...", and "...shall ~~if necessary~~ resign ...". This amendment was approved. There were no further comments, and the amended proposed changes to the Statutes are given in Appendix 2. On a show of hands the amendments were approved with votes as follows:

For: 68
Against: -
Abstain: 1

7 REGIONAL REPORTS BY VICE PRESIDENTS

The President invited the regional Vice-Presidents to present their reports in turn. The reports are included in Appendix 3.

8 ELECTION OF REGIONAL VICE PRESIDENTS

The President introduced in turn the elected ISSMGE Regional Vice-Presidents for 2013 - 2017. They are:

Africa	Professor Fatma Baligh
Asia	Professor Ikuo Towhata
Australasia	Professor Mark Jaksa
Europe	Professor Antonio Gens
North America	Professor Paul Mayne
South America	Professor Jarbas Milititsky

The announcement was greeted with acclamation.

9 ELECTION OF PRESIDENT FOR THE PERIOD 2013 – 2017

The President invited the three candidates to make their presentations. These were done in alphabetical order:

Gabriel Auvinet
Roger Frank
Askar Zhussupbekov

Election papers were distributed and the results of the secret ballot were:

	Votes
Gabriel Auvinet	11
Roger Frank	47
Askar Zhussupbekov	22

Thus Roger Frank was duly elected President of ISSMGE for the period 2013 - 2017. This was greeted by acclamation.

10 VENUE FOR 2015 BOARD AND COUNCIL MEETINGS

The Secretary General reported that in accordance with the Statutes he had written to the organisers of the regional conferences in 2015 in Africa, Asia and Europe. He had received one offer to host the Council meeting in Edinburgh on the occasion of the European Conference. On a show of hands, Council agreed nem con for the Council meeting to be held in Edinburgh in September 2015

11 SELECTION OF VENUE OF XIX ICSMGE 2017

The President reported that three proposals for hosting the next international conference had been received from the geotechnical societies in Australia, China and South Korea. Representatives from these societies were invited to make a 10-minute presentation to Council giving details of their bids. Ballot papers were distributed and the votes cast were declared as follows:

First Round

	Votes
Australia	24
China	23
South Korea	34

In the absence of a clear majority, the least favoured candidate was eliminated, and their second choice votes were re-distributed to give the following result:

Second Round

	Votes
Australia	34

South Korea	44
Abstentions	3

Thus it was announced that the XIX ICSMGE 2017 would be held in Seoul, South Korea. The result was greeted with acclamation.

12 INNOVATION AND DEVELOPMENT COMMITTEE

The President invited Dimitrios Zekkos, chair of the IDC, to present his report, the written version of which appears as Appendix 4. Dimitrios Zekkos reported that the ISSMGE website had been re-written and launched. The new website had increased functionality and had new material made available such as the online ISSMGE Lexicon and webinar recordings. The IDC had initially proposed that ISSMGE offer webinars. These have been received favourably and the recordings of the webinars have subsequently been made available for viewing from the ISSMGE website. The ISSMGE Lexicon is now also available from the ISSMGE website. The geotechnical terms had been translated into twelve languages and it was hoped that others would be added soon. In undertaking the translations for the lexicon, the IDC had received considerable help from colleagues around the world, and Dimitrios Zekkos expressed his appreciation for their efforts. In addition, the IDC had been involved in developing a professional networking site, GeoWorld. The GeoWorld website includes a special feature, GeoMap, which allows all members of GeoWorld to locate other members in their vicinity.

The President thanked Dimitrios Zekkos for his report, and for making the website more interactive. He asked Council for any questions for Professor Zekkos, and there were none.

13 INTERNATIONAL JOURNAL OF GEO-ENGINEERING CASE HISTORIES

Pedro Seco e Pinto, Editor-in-Chief of the IJGCH, presented his report (Appendix 5). The Journal remained published online only, and free to all. Initiatives to improve recognition of the Journal included a "Best Paper Award", and the introduction of special themed issues in the future. The President commented that the Journal was a very important resource of ISSMGE, and was very pleased that it was available free of charge which allowed access to technical literature to geo-engineers in developing countries.

Fidelis Ejikeme (Nigeria) asked if the journal would consider papers relating to site investigation. Pedro Seco e Pinto replied that the Journal would consider any and all manner of case histories. He went on to make a special plea to all Member Societies and Technical Committees that they submit papers to the Journal. This would improve the rates of publication and in turn this would help the Journal's rating.

14 MEMBERSHIP, PRACTITIONERS AND ACADEMICIANS COMMITTEE

Harry Poulos presented his report which is given in Appendix 6. An important change had been the renaming of the Corporate Sponsors to become Corporate Associates. He was pleased to report a significant increase in Corporate Associate membership which now exceeded 50 with 14 joining ISSMGE in the last two months.

The question was raised whether Civil Engineering Departments of universities could become Corporate Associates of ISSMGE. Harry Poulos replied that this would be acceptable since universities do have collaborations with industry, but it was less obvious that such Corporate Associates should be

members of the Corporate Associates' Presidential Group, which has a very company-oriented perspective.

15 TECHNICAL OVERSIGHT COMMITTEE

Suzanne Lacasse presented her report which is included as Appendix 7. She described the function of the committee, which had focussed on creating and organising the Technical Committees, ensuring there were sensible guidelines for the TCs and developing the scheme of major ISSMGE Lectures associated with the TCs and named after an important individual associated with the work of a TC. The TCs had been grouped into 3 categories Fundamentals (TC 100-107), Applications (TC 201-216) and Impact on society (TC 301-307). 20 TCs had continued from the previous Board, 1 had been discontinued and 11 created. All 30 TCs had submitted an administrative report for the past 4 year period and it had been agreed that the lifetime of TCs should no longer be linked to the Presidential period. It was hoped the TOC would continue and that in future the TOC would take a major role in providing nominations for the Outstanding TC Award along with others knowledgeable of a TCs achievements. It was further hoped that the future TOC would prepare guidelines and technical recommendations for practice within a TCs subject area and for archiving the work by the TCs on the web.

In discussion, Robert Holtz (USA) thought it would be beneficial if there were close cooperation between national and ISSMGE Technical Committees. Suzanne Lacasse saw no problem with this and that Member Societies could have two members common to both sets of committees. There followed considerable discussion and comment on the membership of the Technical Committees. The Guidelines, which are included in Appendix 7, state that the TC chair can nominate 4 members of a TC, the TOC can nominate 4 members, and the remaining membership is made up of up to 2 nominees per member society, plus other corresponding members. However, keeping track of this was not a straightforward matter as correspondence often did not pass through the Secretariat office. It was noted that TCs no longer had to be renewed at the start of the Presidential term, and provided the TC was active, it would continue its work seamlessly. It was also noted that in general terms the Chair of a TC would continue but that there should be rotation of the Chair every approximately 8 years.

16 STUDENT AND YOUNG MEMBER PRESIDENTIAL GROUP

Jennifer Nicks presented her report which is given in Appendix 8. She described the committee structure, its mode of operation and gave details of the membership. Some of the achievements of the group included a dedicated SYMPG Geo-World webpage, liaisons with other committees including TCs, the promotion of future young members' activities and the development of the Outstanding Young Geotechnical Engineer Award. The President expressed his satisfaction for the work of this group, and noted that it was led by women.

He asked Council for any questions for Jennifer Nicks, and there were none.

17 CORPORATE ASSOCIATES' PRESIDENTIAL GROUP

Michael Lisyuk presented his report which is given in Appendix 9. He noted that this group had been in operation for only two years, but even so had made significant progress. The key purposes of the group were to find out from practitioners what activities and benefits they would like from ISSMGE and to increase the number of Corporate Associates joining ISSMGE.

Several meetings by Skype conference call had been held, along with an in-person meeting in St Petersburg.

18 AWARD COMMITTEE

François Schlosser presented his report which is given Appendix 10. He was pleased to report that the Committee, having considered awards offered by ISSMGE, had now increased the range such that there were now more recipients and for different activities. This had the benefit of awards reaching a wider membership. The AWAC had developed guidelines and specifications for the awards and had facilitated the review of the nominations received. In general the process had gone well, but it had been noted that in certain cases further review of the specifications was required.

It was noted that the Awards for the Terzaghi orator and Kevin Nash Gold Medal winner would be presented the first morning of the 18ICSMGE, and that the remaining awards would be presented at a special session starting at 12:00 noon Tuesday 3rd September.

19 PUBLIC RELATIONS COMMITTEE

Marc Ballouz presented his report which is given in Appendix 11. The PRC had defined its objectives and formed task forces to deal with each of them. The achievements of the committee included:

- A publicity brochure, and roll-up banner, which would be available from the ISSMGE booth in the 18ICSMGE;
- A new website *whatisgeoengineering.com*;
- A short publicity film promoting the aims and objectives of ISSMGE;
- An article "Hidden treasures of Geotechnics" published by Science Omega Review Europe.
- A time capsule, which would contain items representing the current state of Geotechnics (suggestions, please!), to be opened in 150 years.

In discussion it was noted that ideas were welcomed for what items could be placed in the time capsule and all delegates to the conference were invited to submit their suggestions at the ISSMGE booth. The publicity film had been shown earlier and was met with approval. A number of delegates offered their help in subtitling the film into other languages. It was further noted that attempts could be made to distribute the film to universities and other institutions.

The conference organisers commented that the CFMS had been active in developing a museum exhibit (*Les dessous des grands travaux*) at the Musée des arts et métiers, which had recently opened and they recommended all delegates should visit it. The intention was that this would become a permanent exhibition at the museum. Heinz Brandl (Austria) commented that the issue of an ISSMGE Heritage Museum had been considered for some time and that there was an exhibition at the Technical University in Vienna illustrating its close cooperation with Terzaghi.

20 THE ISSMGE FOUNDATION

Harry Poulos gave a short presentation (Appendix 12) on the outcome of the foundation, referring to recipients, donors and resources. He noted that the President was at the head of the list of donors, and acknowledged that the President was thus demonstrating his full commitment, financial and otherwise, to the Foundation. Applications for funding now followed a well-defined procedure, with applicants required to complete a

detailed application form, and a subcommittee had been established to review and rank the applications. The President commented that grants were typically USD1500, and he suggested that the limit should be now USD2000. There was no restriction on age of applicants, though there was the expectation of cost sharing which needed to be made clear on the application form.

The Secretary General reported that the ISSMGE Foundation was gaining momentum, and that the Board had decided that it should be formalised. In the UK, this required setting up the ISSMGE Foundation as a registered charity. This process had been initiated and it was anticipated that the application to the UK Charities Commission would be approved in the coming days.

21 CONFERENCE MANUAL

The Secretary General reported that the Conference Manual had been updated and the new version uploaded to the ISSMGE website (Appendix 13). The key changes made were as follows:

- Limiting the conferences making a financial contribution to the ISSMGE to only the main international and regional conferences;
- Clear description of how and when to use the ISSMGE logo;

Chris Menkiti (UK) asked when the organisers of a regional conference would be obliged to pay their percentage contribution. The Secretary General replied that this could be after the conference had finished and the organisers were finalising their accounts.

22 TASK FORCE – COPYRIGHT

The President reported that Rainer Massarsch in conjunction with the SGF had developed guidelines concerning copyright of published material (Appendix 14). This was in response to concerns raised on the ability of authors to make use in more than one publication of figures they had produced. The Guidelines recommended that authors should retain copyright while giving publishers permission to use their material. Roger Frank commented that for papers submitted to the 18ICSMGE authors had indeed retained copyright but had given permission for their work to be published in the proceedings and later on the website. Chris Menkiti (UK) enquired if this policy had any repercussions from the publishers in charging more for producing conference proceedings. Roger Frank replied that there had been no such repercussions for the 18ICSMGE. Samuel Ampadu (Ghana) enquired if there was a list of publishers subscribing to the ISSMGE policy. The President replied that there was no such list, but he hoped that the guidelines would help authors when dealing with publishers.

23 INTERNATIONAL SEMINARS

Pedro Seco e Pinto presented his reported included here as Appendix 15. The Seminars were designed to disseminate the current state-of-the art or practice amongst geotechnical engineers especially from developing countries. In the last 3 years, 17 International Seminars had been given in Africa, Asia and Central and South America. These had been very successful and it was pleasing that probably over 1000 geotechnical engineers had benefitted from the Seminars during this Presidential period.

24 ISSMGE BULLETIN

Ikuo Towhata gave a verbal report on the Bulletin. There were now 6 issues published annually. The Bulletins had become quite lengthy and included sections on messages from the ISSMGE Board and Committees, conference reports, case histories, reminiscences, corporate associates, etc. He expressed his deep appreciation for his team of editors. He went on to ask member societies to ensure they distributed the Bulletin, and also to submit suitable articles. A 75th Anniversary of ISSMGE issue was in preparation and would be published soon. This would contain some very interesting articles relating to the history and development of ISSMGE.

25 XVIII ICSMGE, PARIS

Jacques Robert gave a presentation on behalf of the organising committee. There were 1800+ delegates, and 170 accompanying persons registered for the conference, from approximately 100 countries. The proceedings contained 800 papers, 240 of which would be presented as posters. The organisers appreciated the financial support they had received from partners and other sponsoring organisations. The total conference budget was approximately 1.4 M Euros. The first two days of the conference would comprise plenary sessions, and in the second two days 28 discussion sessions had been arranged with a 168 verbal presentations. Nineteen technical committees were actively involved in these parallel sessions.

26 RELATIONSHIPS WITH SISTER SOCIETIES

The President expressed his strong support for cooperation with the Sister Societies and the Federation of International Geoengineering Societies. He noted that as geotechnical engineers all ISSMGE members are involved with ground engineering and that it was necessary to recognise the importance of engineering geology in our work. Frederic Pellet (ISRM VP for Europe) agreed that FedIGS was an important association which facilitated the cooperation and collaboration of the Sister Societies. Jorge Zornberg (IGS President) was pleased that his organisation had been able to join and he welcomed the opportunity of being able to work with FedIGS. The President went on to acknowledge the very valuable contribution of William Van Impe in establishing FedIGS, which had evolved to being an association with a light administrative structure and good cooperation. He noted that there would be a FedIGS session during the ICSMGE and a formal meeting of the members on the 6th September.

27 PRESENTATION OF AUDITED ACCOUNTS 2011, 2012

The Secretary General drew the Council's attention to the accounts that had been circulated in advance of the meeting (Appendix 16). He noted that the Budget presented at the Council meeting in Toronto had been modified slightly by Michael Davies, Chairman of the Finance and Budget Committee, which would include the additional income from member societies received in 2011 (a Council Meeting year) and costs of Board Meetings especially in 2012.

The Appendix includes a comparison of the revised budgets and actual income and expenditure for the years 2011, and 2012. In 2011, Member Society subscriptions were higher than forecast largely because of some arrears payments which often occurs in a run-up to a Council Meeting. Also, the income from the Regional Conferences was greater than anticipated. The total cost of running the Secretariat was close to the budgeted figures. In 2011, the decision was taken to improve and

enhance the ISSMGE website, and to support the development of the GeoWorld communication platform. This led to greater than forecast expenditure in Information Technology, but this was largely offset by reduced expenditure in other initiatives. In 2012, the budgeted income and expenditure was largely as forecast. The Corporate Association subscription rate had been raised to USD1500 per annum, which had increased receipts. In Expenditure there were savings relative to Budget under the headings of Other Initiatives and Information Technology.

The Secretary General asked Council to approve the accounts for the two years separately. For the 2011 accounts, Michael Davies (VP Australasia) proposed the accounts be accepted, and was seconded by Fidelis Ejikeme (Nigeria), while for the 2012 accounts, acceptance was proposed by Georg Heerten (Germany) and seconded by Trevor Orr (Ireland). On a show of hands, both sets of accounts were accepted by unanimity.

28 BUDGET 2013 - 2015, FORECAST TO 2017

Michael Davies presented the proposed ISSMGE budget for 2013 to 2015, and forecast through to 2017, which is given in Appendix 17. A 2% growth from member society subscriptions was envisaged and allowance made for the increase in Corporate Associates joining ISSMGE. Changes to the Conference Manual meant that there was now income from Conferences only in the years of the main International and Regional conferences of ISSMGE. There were to be no changes to costs for the Secretariat and Board, except to allow for inflation. An allowance had been made to Future Developments in Information Technology in 2014 and 2017. In initiatives, ISSMGE had made a contribution to the Geotechnical exhibition at the Musée des arts et métiers. Even with a small contingency this resulted in a forecast annual surplus of approximately GBP50,000, and it was proposed that this should be transferred to the ISSMGE Foundation.

In discussion, John Carter (Australia) supported the annual transfer of surpluses to the ISSMGE Foundation, but suggested that rather than maintain an annual cash balance of GBP500,000, the retained balance should be increased annually to allow for inflation. Samuel Ampadu (Ghana) wondered if setting a budget today would give too many constraints to the new ISSMGE President. Michael Davies replied that this was just a budget rather than actual expenditure and that the Statutes included a clause that specifically permitted the president to authorise expenditure. It was further noted that the budget applied only up to 2015, the remainder of the proposal being an estimate of what may happen in the subsequent two years. Council was asked to approve the budget: John Carter (Australia) proposed acceptance, and this was seconded by Jorgen Steenfelt (Denmark). On a show of hands, the budget was accepted by unanimity.

Michael Davies went on to summarise the present financial position of the ISSMGE Foundation. The current balance was in the order of GBP75,000, and a number of awards would be paid soon after the Paris Conference. There was obviously insufficient capital to allow for awards only to be made from annual investment income, and there would be a need for ongoing donations to the Foundation. The President confirmed that payment of Foundation awards were made after the event and on production of receipts.

29 ANY OTHER BUSINESS

Georg Heerten (Germany) commented that the 10th International Conference on Geosynthetics and the 33rd Baugrundtagung would be combined and held in Berlin from the 21-26 September 2014. He had offered to host a FedIGS Board meeting at the event, and he was now inviting all Council

Meeting delegates to promote the conference to their membership.

Heinz Brandl (Austria) commented that after the death of Professor Terzaghi, he started the Danube European Conference, and that the 50th anniversary event would be held in Vienna from the 8-11 September 2014. He hoped that Council delegates would promote this Jubilee conference to their membership.

Gautam Ghandhi (India) requested that in future, supporting member societies should not be included on the ballot paper for ISSMGE paper. The Secretary General agreed to this change for the future.

Toru Sueoka (Japan) stated that after the Toronto Council Meeting the Japanese Geotechnical Society had distributed a special volume concerning the Great East Japan Earthquake. The JGS had recently published articles on the earthquake in Soils and Foundations. These were available with open access and a brochure concerning this was available from the JGS.

30 DATE AND VENUE OF NEXT MEETING

The next Council Meeting would be held on Sunday 13th September 2015 in Edinburgh.

The Secretary General expressed his deep appreciation to the Member Societies for their cooperation in making the meeting run smoothly and in particular thanked Yvonne Hanna, and Violaine Gauthier, for their help. The President thanked the Council Delegates and the Board members for their contributions and support in developing ISSMGE activities, and closed the meeting, expressing his gratitude to the CFMS for its hospitality and help in organising the meeting.

Appendix 1 : Membership – Member Societies, Corporate Associates

R. Neil Taylor
Secretary General

1 MEMBER SOCIETIES

The accompanying Table indicates that the present ISSMGE membership is nearly 20,000 in 86 Member Societies, (information correct as of 20th May 2013). The following societies have shown a significant change in membership when compared to the report produced for the Toronto Council Meeting: Australia (now 1033 up from 873), Belgium (331 up from 231), China (606 up from 368), Hong Kong (169 down from 266), Iran (95 down from 220), Japan (1155 down from 1329), Korea (up 395 from 314), New Zealand (557 up from 443), Russia (down 266 from 319), Singapore (194 down from 270), South Africa (up 461 from 345), Turkey (236 up from 167), Ukraine (down 67 from 100), USA (up 3294 from 3133)

The Georgian Society for Soil Mechanics and Geotechnical Engineering, as well as the Geotechnical Division of the Order of Syrian Engineers and Architects are deemed to have been suspended. These suspensions are in addition to those reported at the Toronto Council Meeting in 2011 (the member societies of the Azerbaijan Republic, Kenya, and Zimbabwe).

Two new Member Societies have joined since the Toronto Council Meeting in September 2011: Belarus (joined in July 2012, Bosnia & Herzegovina (May 2013).

2 CORPORATE ASSOCIATES

There are 46 current Corporate Associates (up from 29 reported at the Toronto Council Meeting).

AECOM Asia Company Ltd
Ove Arup & Partners Ltd
LLC "Bazis Design Academy"
Bauer Maschinen GmbH
Bentley Systems
Brasfond Fundacoes Especiais SA
Coffey Geotechnics Pty Ltd
Dasan Consultants Co. Ltd
Deltares

Dongha Geological Engineering Co. Ltd
Fundamentstroyproekt
Fugro N.V.
Geoizol
Geoteknik SA
Georeconstruction Engineering Co
Geostroy, ZAO
GHD Pty, Ltd.
Golder Associates Inc
Hayward Baker
Huesker Ltda
Huesker Synthetic GMBH
International I.G.M.
Jan de Nul N.V.
JSC "Kazakhstan Highway Research Institute
JSC KazNISSA
KGS Astana Ltd
LLC Geoizol
Monolit-Stroy2011
Naue GmbH Co KG
Norwegian Geotechnical Institute
Construtora Norberto Odebrecht
Officine Maccaferri SPA
Saegil Engineering and Consulting Co Ltd
Siemens Energy
Soilmec SpA
Soletanche Bachy SA
S.N. Apageo S.A.S.
Taisei Corporation
Tecnogeo Engenharia e Fundações Ltda
TenCate Geosynthetics France SAS
Tensor International Ltd
Terre Armée Internationale
Tractebel Development Engineering SA
A.P. van den Berg
Vibropile Australia
Zetas Zemin Teknolojisi AS

MEMBERSHIP INFORMATION AS AT 20 MAY 2013

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Albania	31				31		
Argentina	74						74
Australia	1033			1033			
Austria	95				95		

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Bangladesh	33		33				
Belarus	37				37		
Belgium	331				331		
Bolivia	25						25
Bosnia & Herzegovina	19				19		
Brazil	872						872
Bulgaria	61				61		
Canada	726					726	
Chile	74						74
China	606		606				
Chinese Taipei	100		100				
Colombia	26						26
Costa Rica	30						30
Croatia	114				114		
CTGA	100	100					
Cuba	30						30
Czech & Slovak Republics	49				49		
Denmark	345				345		
Dominican Republic	32						32
Ecuador	44						44
Egypt	130	130					
El Salvador	30						30
Estonia	26				26		
Finland	194				194		
France	492				492		
Germany	616				616		
Ghana	21	21					
Greece	125				125		
Hong Kong	169		169				
Hungary	115				115		
Iceland	10				10		
India	249		249				
Indonesia	130		130				
Iran	95		95				
Iraq	40		40				
Ireland	22				22		
Israel	32				32		
Italy	305				305		
Japan	1155		1155				
Kazakhstan	40		40				
Korea	395		395				
Kyrgyzstan	30		30				
Latvia	31				31		

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Lebanon	60		60				
Lithuania	40				40		
MACEDONIA - See <i>The Former Yugoslav Republic Of Macedonia</i> below							
Mexico	265					265	
Morocco	28	28					
Mozambique	37	37					
Nepal	22		22				
Netherlands	714				714		
New Zealand	557			557			
Nigeria	43	43					
Norway	361				361		
Pakistan	85		85				
Paraguay	53						53
Peru	25						25
Poland	319				319		
Portugal	205				205		
Romania	159				159		
Russia	266				266		
Serbia	39				39		
Singapore	194		194				
Slovenia	88				88		
South Africa	461	461					
South East Asia	131		131				
Spain	335				335		
Sri Lanka	34		34				
Sudan	37	37					
Sweden	761				761		
Switzerland	193				193		
Tajikistan	23		23				
Thailand	35		35				
Tfyr Macedonia	35				35		
Tunisia	40	40					
Turkey	236				236		
Ukraine	67				67		
UK	1130				1130		
USA	3274					3274	
Uzbekistan	33		33				
Venezuela	32						32
Vietnam	18		18				
TOTAL	19774	897	3677	1590	7998	4265	1347

Appendix 2 : Amendments to Statutes and Bylaws, re gender neutrality

R. Neil Taylor
Secretary General

1 BACKGROUND

In a review of the governing constitution of the Society, the Board considered that it was timely for the Statutes and Bylaws to be revised with a view to making them gender neutral. The Statutes contain the statement “The use of the masculine gender in the Constitution does not imply the position described is occupied by a male person”. Nevertheless, the Board felt that modern practice used gender neutral language and that the Statutes and Bylaws should be modified accordingly.

2 OUTCOME

The Statutes and Bylaws have been reviewed and the proposed modifications follow this introduction. Changes are proposed in the following:

Statutes: 3D, 4F, 6C, 8A, 8D, 8E, 8F, 9A, 9C, 9F, 10B, 10G, 12D

Bylaws: 4F.2, 5A.4, 8A.1, 8A.2, 8E.1, 9A.1, 9A.3, 9E.1, 10B.4, 10F.2, 12K.1, 13A.1, 14A.2, 14A.3, 14D.2

All the Statutes and Bylaws are given for completeness and the proposed deletions and additions are shown in red cross-out and red underlined text respectively.

3 REQUIRED ACTIONS

The proposed changes will be taken as a whole since making some rather than all changes would defeat the object of the exercise. Council will be asked to consider the changes and to agree the proposed wording. The motion will be put to Council that the changes are approved and a vote will be taken. The changes include modification to the Statutes and therefore the assent of at least three-quarters of those voting is required (Statute 12I).

ISSMGE Statutes and Bylaws (English only)

CONTENTS

- 1 Name and Constitution
- 2 Aim
- 3 Languages
- 4 Membership
- 5 Finances
- 6 Regions
- 7 Officers
- 8 President
- 9 Vice-Presidents
- 10 The Secretariat
- 11 The Council
- 12 Council Meetings
- 13 The Board

- 14 International Conferences
- 15 Regional conferences, meetings and symposia
- 16 Committees
- 17 Register of members
- 18 Amendments to the constitution
- 19 Dissolution or liquidation

Referring Bylaws are indicated in brackets after each statute item.

STATUTES

1 NAME AND CONSTITUTION

- 1A The name of the Society is: International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). In French: Société Internationale de Mécanique des Sols et de la Géotechnique (SIMSG). It is hereinafter referred to as the 'International Society'.
- 1B The Constitution of the International Society comprises Statutes accompanied by Bylaws and Resolutions of the Council. (1B.1)
- 1C The Statutes and any interpretation thereof shall be governed by the law of the country within which resides the official headquarters of the International Society.

2 AIM

- 2A The aim of the International Society is the promotion of international cooperation amongst engineers and scientists for the advancement of knowledge in the field of geotechnics and its engineering applications.
- 2B The International Society will promote its aim by holding periodic International and Regional Conferences and Symposia, through the work of Committees, by exchange of information, by cooperation with other organisations whose aims are complementary to those of the International Society and by encouraging the formation of new Member Societies.

3 LANGUAGES

- 3A The official languages of the International Society are English and French.
- 3B Statutes, Bylaws, and official Minutes of Council Meetings shall be published in English and French.
- 3C Should a difference in meaning arise between the English and French versions of the documents referred to in 3B the valid version shall be that in which the written motion was moved.
- 3D The official languages shall be used in the proceedings and plenary technical sessions of ~~an~~—the International Conference.
- 3E At Regional Conferences and International Symposia held under the aegis of the International Society at least one of the official languages shall be used. (3E.1)

4 MEMBERSHIP

- 4A The International Society is composed of Member Societies accepted into membership. (4A.1)

- 4B A Member Society is generally a National Society but may also represent two or more nearby countries. A country may not have more than one Member Society.
- 4C Each Member Society is composed in part or in full of individual members who are designated Individual members of the International Society. An Individual Member of the International Society may belong to more than one Member Society.
- 4D In order to create a Member Society in a country or group of countries, individuals interested in furthering the fields of geotechnics and its engineering applications must first create a Society with this aim. The Society must have:
- (i) A Constitution or Statutes
 - (ii) A President or Chairman
 - (iii) A Secretary and Treasurer
 - (iv) An address for its Secretariat.
- 4E Once the Society has been brought into existence a letter should be sent (in English or French) signed by the President or Chairman and the Secretary of that Society to the Secretary General of the International Society formally applying for membership on behalf of the Society. The letter should contain a declaration that if accepted the Member Society will do its best to further the aim of the International Society and abide by its Constitution and should enclose (in English or in French):
- (i) The Constitution or Statutes of the applicant Society
 - (ii) The name of its President or Chairman and Secretary
 - (iii) The address of its Secretariat
 - (iv) The names, occupations and addresses of its members designate of the International Society.
- 4F ~~If the Secretary General is satisfied shall check~~ that the application is in order, and after consultation with the appropriate Regional Vice-President, ~~he shall~~ shall include it in the agenda of the next Board meeting for approval. The Secretary General shall report Societies accepted into membership to the next Council Meeting. No entrance fee is payable. (4F.1, 4F.2)
- 4G A Member Society may be affiliated to other engineering and scientific societies
- 4H A Member Society shall fulfil its obligations to the International Society which include: active engagement in initiatives aimed at the advancement of knowledge in the field of geotechnics and its engineering applications, at the local or international level, payment of the annual subscriptions, keeping the Secretary General regularly informed about changes of its statutes, address of its Secretariat, names of its officers, and names and addresses of designated Individual Members of the International Society. (4H.1, 4H.2, 4H.3)
- 4I A Member Society which has failed to abide by Statute 4H and its Bylaws for four consecutive years shall cease to receive the benefits of membership of the International Society and its membership shall be deemed to be suspended. (4I.1)
- 4J A Member Society which has resigned its membership may apply to rejoin the International Society by means of the procedure set out in Statutes 4D and 4E. If accepted the Council shall decide what entrance fee, if any, shall be payable.
- 4K The Council has the right to suspend the membership of any Member Society by a simple majority vote and to terminate the membership of any Member Society by a two-thirds majority vote.
- 4L Supporting membership of the International Society is open to individuals, private firms and other organisations. These Supporting Members shall not have specific representation on the governing bodies of the International Society. (4L.1)
- 5 FINANCES
- 5A The International Society is a non-profit organisation supported by the subscriptions of the Members, royalty revenues from publications, in accordance with policies laid down by the Council, unrestrictive grants and other sources accepted by the Council. (5A.1, 5A.2, 5A.3, 5A.4, 5A.5, 5A.6)
- 5B For the purposes of meeting the expenses incurred by the International Society for its operation each Member Society

shall pay its subscription to the International Society in accordance with Statute 4H. (5B.1)

- 5C At any time the subscription shall be computed on the basis of the number of designated Individual Members of each Member Society and on the basis of a Basic Fee per Capita adjusted by discounts most recently agreed at a meeting of the Council. (5C.1)
- 5D No Officer or Member, other than the staff of the General Secretariat, shall receive any remuneration from International Society funds. However, the reimbursement of certain direct expenses may be authorised. (5D.1)
- 5E Only the President or the Secretary General may authorise expenditure. (5E.1)

6 REGIONS

- 6A The International Society shall operate through the following six Regions: Africa; Asia; Australasia; Europe; North America; South America.
- 6B Each Member Society shall be allocated to one Region only, in accordance with geographical and technical considerations deemed most beneficial to furthering the aim of the International Society and preferably in accordance with the wish of the Member Society subject to ratification by the Council.
- 6C A Member Society may seek a change of its Regional allocation. If the President of the International Society is satisfied that such a change is in the interests of the International Society, ~~then~~ after consultation with the appropriate Regional Vice-Presidents, ~~the he* change may be accepted the change~~ subject to ratification by the Council.

* ~~The use of the masculine gender in the Constitution does not imply the position described is occupied by a male person.~~

7 OFFICERS

- 7A The Officers of the International Society are:
- (i) The President
 - (ii) The Vice-Presidents
 - (iii) The Secretary General

8 PRESIDENT

- 8A The prime duty of the President shall be to foster the aim of the International Society. ~~The President~~ ~~He~~ shall preside at the International Conference and at meetings of the Council and Board. ~~The President~~ ~~He~~ shall be responsible, in collaboration with the Vice-Presidents and the Secretary General, for the conduct of the affairs of the International Society. (8A.1, 8A.2)
- 8B The term of office of the President shall normally be from the end of one International Conference to the end of the next International Conference. This is normally a period of four years.
- 8C About one year before the expiry of the term of office of the President, the Secretary General shall invite each Member Society to submit its nomination of an Individual Member for the next President, the nominating Member Society having first ascertained that its nominee is willing to serve if elected. After confirming each nominee's willingness to stand for election, the Secretary General shall then send to each Member Society a list of all the candidates and the Council shall be asked to vote on these names at its next meeting which will normally be just prior to the next International Conference. (8C.1, 8C.2)
- 8D As soon as the President-elect has been chosen the decision will be announced publicly at the earliest suitable occasion. During the International Conference at the end of which ~~the President-elect~~ ~~he~~ takes office ~~the President-elect~~ ~~he~~ will participate in this capacity ~~as President-elect~~ in all administrative, technical and social functions.
- 8E The President may be substituted by the First Vice-President (Ref. Statute 9D) in any and all of ~~the President's~~ ~~his~~ duties. In the event of the resignation or death of the President the first Vice-President shall act as President for the unexpired term of office. (8E.1)
- 8F The President shall not be eligible for re-election on completion of ~~the his~~ term of office.

9 VICE-PRESIDENTS

- 9A One Vice-President shall represent each Region. The prime duty of the Vice-Presidents shall be to foster the aim of the International Society amongst the Member Societies within their regions. The Vice-President's authority and duties shall be to act as the President's representative in their respective Regions. In particular they shall preside at the Regional Conferences. (9A.1, 9A.2, 9A.3)
- 9B The term of office for the Vice-President shall normally be from the end of one International Conference to the end of the next International Conference. This is normally a period of four years.
- 9C About one year before the expiry of the term of office of the Vice-President, the Secretary General shall invite each Member Society within the Region to submit its nomination of an Individual Member from within the Region for the next Vice-President, having first ascertained that the nominee is willing to serve if elected. After confirming each nominee's willingness to stand for election the Secretary General shall prepare a ballot paper for each Region and shall invite each Member Society in that Region to return to him the ballot paper duly completed by a specified date. The names of the successful candidates shall be reported to the next meeting of the Council. Should two or more candidates tie in the election, the President, after consultation, shall have a casting vote. (9C.1, 9C.2, 9C.3)
- 9D One of the six Vice-Presidents shall be elected by the President and Vice-Presidents as the First Vice-President. The term of office will be about four years, from the end of one International Conference to the end of the next International Conference.
- 9E In the event of impediment, resignation or death of a Vice-President, a successor shall be appointed by the President for the unexpired term of office. (9E.1)
- 9F A Vice-Presidents shall not be eligible for re-election on completion of his term of office.

10 THE SECRETARY GENERAL AND THE SECRETARIAT

- 10A The official headquarters of the International Society shall be the seat of its Secretariat.
- 10B The Secretary General shall be appointed by the President in consultation with and on terms agreed by the Board. The Secretary General may shall not be If at the time of appointment he is an elected officer of the International Society and he shall if necessary resign from such an that office on appointment. (10B.1, 10B.2, 10B.3, 10B.4)
- 10C The Secretary General shall be directly responsible to the President. (10C.1, 10C.2)
- 10D The Secretariat shall consist of the Secretary General and administrative and clerical personnel engaged by the Secretary General. (10D.1, 10D.2)
- 10E The Secretary General shall impartially conduct all correspondence and business of the International Society as laid down by the Statutes, Bylaws and Council Resolutions and as determined by the President. (10E.1, 10E.2, 10E.3)
- 10F The Secretary General is responsible for the conduct of the finances of the International Society and for all fiscal and legal requirements imposed by the country wherein is established the headquarters of the International Society. (10F.1, 10F.2, 10F.3)
- 10G The Secretary General shall not represent any Member Society during his term of while in office.

11 THE COUNCIL

- 11A The ultimate control of the International Society rests with the Council and all major matters of policy require its approval.
- 11B The Council shall consist of the Officers of the International Society, the past President, the three appointed members of the Board and up to two Delegates from each Member Society currently in membership.
- 11C Other persons may be invited by the President to attend all or part of a Council meeting but they will not be entitled to vote.
- 11D Council meetings shall be held:
(i) immediately before each International Conference and

- (ii) at a suitable time about mid-term between International Conferences, preferably at a Regional Conference or International Symposium sponsored by the International Society.

- 11E In addition, having consulted with the Board and reasonable notice having been given, the President shall be authorised to call a special meeting of the Council to discuss urgent matters. (11E.1)

12 COUNCIL MEETINGS

- 12A The Council meeting held at the time of the International Conference shall be at the venue of that Conference.
- 12B Any invitation to act as host for Council meetings held between International Conferences should be sent to the Secretary General six months before the preceding Council meeting so that it can be placed on the agenda of that meeting. Provision should be made for a Board Meeting preceding the Council meeting. If an invitation is received from more than one Member Society the final selection will be made by secret ballot. (12B.1)
- 12C Member Societies must submit to the Secretary General not less than six months before a Council meeting any item which they wish to have placed on the agenda. Three months before the meeting the Secretary General shall send the agenda to all Member Societies, Officers, past Presidents and appointed members of the Board. (12C.1)
- 12D The meeting shall be chaired by the President, or, in his if absentee, the first Vice-President or one of the Vice-Presidents nominated by the President.
- 12E Delegates shall address the chair at all times and the entire meeting shall be conducted in accordance with the Statutes and Bylaws and according to accepted efficient practices. (12E.1)
- 12F Each Member Society entitled to the benefits of membership having a delegate present at the meeting shall have one vote. Other members of the Council and other persons present are not entitled to vote. (12F.1)
- 12G A Member Society which is not able to have a delegate present may transfer its voting rights either to its own Vice-President or to the delegate of another Member Society having notified this in writing to the Secretary General before the Council Meeting. No delegate may carry more than two such proxy votes, with the exception of the ISSMGE Vice-Presidents who may carry three such proxy votes.
- 12H The Chairman shall not have a vote except in the event of an equality of votes when the Chairman shall have a casting vote.
- 12I Motions shall be carried by a simple majority of those voting, except for those motions altering the statutes or terminating membership, for which the assent of at least three-quarters of those voting is required. (12I.1)
- 12J Voting shall normally be by a show of hands. However, for the selection of the President, for the selection of the venue of the next International Conference or Council Meeting and for other matters specified at the time by the Chairman, voting shall be by secret ballot. (12J.1)
- 12K For the valid constitution of a Council meeting the quorum shall be: at least one-third of the Member Societies entitled to the benefits of membership when voting on Resolutions, Bylaws or suspending membership; and at least two-thirds when voting on Statutes or terminating membership. (12K.1)

13 THE BOARD

- 13A The Board shall consist of the President, the immediate Past President, the Vice-Presidents, three Individual Members of the International Society appointed by the President, and the Secretary General. (13A.1, 13A.2, 13A.3, 13A.4, 13A.5)
- 13B The role of the Board is to assist the President in the interpretation and implementation of Council Resolutions and in the effective administration of the affairs of the International Society.

14 INTERNATIONAL CONFERENCES

- 14A International Conferences shall be held approximately every fourth year in a country to be decided upon by the Council. (14A.1, 14A.2, 14A.3)
- 14B An invitation from a Member Society to act as host for an International Conference and the associated Council and Board Meetings shall be sent to the Secretary General sufficiently far in advance for it to be placed on the agenda of the Council meeting four years in advance of the International Conference. Invitations may be considered at earlier Council Meetings. (14B.1, 14B.2)
- 14C If four years before an International Conference is due to take place no invitation has been received, the President in consultation with the Board is authorised to make arrangements for one to be held.
- 14D All individual and Supporting Members of the International Society are entitled to attend an International Conference. (14D.1, 14D.2, 14D.3, 14D.4, 14D.5)
- 15 REGIONAL CONFERENCES, MEETINGS AND SYMPOSIA
- 15A Regional Conferences shall normally be held about mid-term between International Conferences, but, in addition, Member Societies are encouraged to organise International and Regional Symposia. (15A.1, 15A.2)
- 15B At such Regional Conferences delegates from Member Societies of the Region may hold a meeting, chaired by the Vice-President, to discuss matters of mutual interest. (15B.1)
- 15C An invitation from a Member Society to act as host for a Regional Conference shall be submitted to the Vice-President of the Region and the Secretary General about six months prior to the previous Regional Conference. The invitation shall, after consultation with the Secretary General, specify the time, place and subject of the Regional Conference. (15C.1, 15C.2)
- 15D If by the time of the previous Regional Conference no invitation has been received, the Vice-President (or Vice-President elect) after consultations with Member Societies within the Region and the Secretary General is authorised to make arrangements for one to be held.
- 16 COMMITTEES
- 16A In order to further the aim of the International Society the President may appoint Committees. Such appointments shall be reported at the next Council meeting
- 16B Technical Committees shall have an international membership and shall deliberate on technical or professional matters which are of international interest and relevance. The responsibility for each Technical Committee shall be assumed by a specific Member Society which shall provide the chairman, secretary and the necessary administration. (16B.1, 16B.2, 16B.3, 16B.4)
- 16C The President is authorised to set up Committees to deliberate on administrative and policy matters which are of interest and relevance to the International Society. (16C.1, 16C.2)
- 16D Regional Committees may be set up by a Vice-President in consultation with the President and Secretary General to deliberate on technical or professional matters which are of interest and relevance to that Region. (16D.1)
- 17 REGISTER OF MEMBERS
- 17A Each year each Member Society shall send to the Secretary General and the Vice-President an up to date list of its designated Individual Members, in the form set out in Bylaw 17A.1.
- 17B The Secretary General shall assign a membership number to each Individual Member in accordance with Bylaw 17B.1. The list of the names and membership numbers of Individual Members from each Member Society shall be dispatched to that Member Society. (17B.2)
- 17C Upon receipt of the list referred to in 17B, the Member Society can compile membership cards and distribute a card to each Individual Member. (17C.1 and 17C.2)
- 17D The Secretary General shall compile a list of Individual Members grouped according to Member Society and shall make this list available to Members of the Society in a form directed by Council. (17D.1)

18 AMENDMENTS TO THE CONSTITUTION

- 18A Amendments to the Constitution may be proposed by any Member Society. Such amendments shall be sent in writing to the Secretary General sufficiently in advance of a Council Meeting to have them included as an item on the circulated agenda. (18A.1)
- 18B An amendment to the Statutes may be passed by a qualified majority of three-quarters of Council, voting in accordance with Statute 12K and Bylaw 12.K.1.
- 18C Amendments to the Bylaws shall require a simple majority of the Council.

19 DISSOLUTION OR LIQUIDATION

- 19A The dissolution or liquidation of the International Society can be effected only by a majority of at least two-thirds of all Member Societies entitled to the benefits of membership. (19A.1)
- 19B The Council shall decide on the distribution of all the remaining assets of the International Society after settling all debts and liabilities.
- 19C Such assets shall be disposed of only to non-profit organisations whose primary interests are similar to those of the International Society. The Council shall have the right to delegate to the Board detailed decisions on the distribution of any remaining assets of the International Society if appropriate.

BYLAWS

1 NAME AND CONSTITUTION

- 1B.1 The set of Bylaws supplementing the Statutes are cross-referenced to the relevant Statute. (See statute 18D)

3 LANGUAGES

- 3E.1 One or more additional languages chosen by the host country may be used at Regional Conferences or International Symposia. Abstracts in at least one of the official languages must be provided.

4 MEMBERSHIP

- 4A.1 The Secretary General shall maintain a list of Member Societies grouped according to Region
- 4F.1 The membership of the new Member Society shall not become effective until it has received the decision of the relevant ISSMGE meeting in which the application has been accepted and payment of the first subscription has been received by the international society.
- 4F.2 A Society coming to membership part way through a year (1st January-31st December) shall pay a pro rata subscription for that year.
- 4H.1 Subscriptions are due annually in advance on 1st January each year and must be paid within nine months of that date.
- 4H.2 A Member Society should inform the Secretary General in advance if it expects to be unable to pay its subscription by the due date and explain the reason.
- 4H.3 Engagement in the aims of ISSMGE could include organisation of technical meetings, lectures, workshops, seminars, conferences, submission of papers to geotechnical conferences, participation in Technical Committees, and other international liaisons. A Member Society must keep the regional Vice-President informed by means of an activity statement due six months before each Council Meeting.
- 4I.1 A suspended Member Society may be reinstated on conditions agreed by the Regional Vice-President and the Secretary General, which shall include a reinstatement fee of no less than three years of subscription.
- 4L.1 Applications for Supporting membership should be made to the Secretary General who will consult with the President or Regional Vice-President as appropriate

5 FINANCES

- 5A.1 The financial year is the calendar year.

- 5A.2 Independently reviewed financial statements of receipts and expenditure shall be presented to each meeting of the Council for the period since the previous Council Meeting.
- 5A.3 The Council shall adopt a budget for the period to the next Council Meeting.
- 5A.4 The President, in consultation with the Board, shall appoint a 'Finance and Budget Committee' to assist ~~him~~ in the management of the finances of the International Society. The Committee should meet at least once a year.
- 5A.5 A financial statement of receipts and expenditures shall be presented to each Board Meeting.
- 5A.6 The proposed budget, including a four year forecast, prepared by the Finance and Budget Committee and approved by the President shall be circulated to the Board to be discussed at the Board Meetings when appropriate.
- 5B.1 The Secretary General shall send to each Member Society in advance an annual account of its subscription and other revenues owing.
- 5C.1 The Basic Fee per Capita is set to meet the budgetary needs of the Society. Discounts agreed by Council are applied to allow for low Purchasing Power Parity (PPP) and for large Member Societies.
- 5C.2 The minimum subscription fee payable by a Member Society shall be based on 30 members.
- 5D.1 An allowance shall be made in the budget specifically to assist the President, Vice-Presidents and Members of the Board in their travel expenses on International Society meetings, workings of Technical Committees and other such activities.
- 5E.1 The Secretary General has the prime responsibility for authorising payments within the budget approved by Council. In exceptional circumstances the President may authorise expenditures beyond the budget. Such expenditures shall be reported by the President to the next Council Meeting.
- 8 PRESIDENT
- 8A.1 In carrying out all executive actions it will be the President's obligation to interpret ~~at his with due~~ discretion the Statutes and the Bylaws and the Resolutions of the Council. When appropriate ~~he the President~~ should seek the views of the Board either collectively or as individuals for the purposes of formulating or interpreting policy. Such actions shall be reported and minuted at the next meeting of the Council.
- 8A.2 The President shall not represent any Member Society or Region ~~during his term of while in office~~.
- 8C.1 Nominations must be received by the Secretary General at least three months before the Council meeting at which the vote will be taken. The Secretary General shall then circulate the list of nominees to all Member Societies.
- 8C.2 Voting for the President shall be by secret ballot and a simple majority. (Ref. BL 12J.1)
- 8E.1 The President can appoint a Vice-President or other member of ISSMGE to act ~~in his stead as a representative~~.
- 9 VICE-PRESIDENT
- 9A.1 A Vice-President shall not represent any Member Society during ~~his term of while in office~~.
- 9A.2 A Vice-President shall encourage the holding of symposia and conferences within the Region and endeavour to coordinate the themes and dates of such National and Regional conferences.
- 9A.3 At meetings of the Council the Vice-President shall report on activities within the Region and, where authorised by a Member Society, shall vote as that Society would wish ~~him to vote~~. (Ref Statute 12G)
- 9C.1 Each Member Society shall be required to return the ballot paper for Vice-President at least 16 weeks before the next meeting of the Council.
- 9C.2 (i) If just one valid nomination has been received, the candidate will be declared elected unopposed.
(ii) If two nominations have been received, Member Societies will indicate the candidate of their choice. The candidate with the highest number of votes will become Vice-President of the Region.
(iii) If three or more nominations have been received, Member Societies will mark on the ballot paper the

candidates 1, 2, 3, etc. in order of preference. The primary votes (marked with 1) shall be counted first and if one candidate receives the absolute majority of all primary votes that candidate shall be declared elected. If there is no absolute majority, the candidate with fewest primary votes shall be excluded from the election. In the case that two or more candidates are found in this situation, the one with less secondary votes (marked with 2) shall be excluded from the election. The voting papers for that candidate will be recounted and those particular secondary votes shall be given primary status and distributed to the remaining candidates. This procedure is to be repeated until one candidate has more than one half of the total number of votes.

- 9C.3 In Regions with less than five Member Societies the Vice-President may be decided by agreement between the Member Societies. The agreed name should be forwarded to the Secretary General by the Vice-President for the Region with supporting letters from a majority of Member Societies in the Region.

- 9E.1 In appointing a successor the President shall consult with past Vice-Presidents of the Region and Presidents or Chairmen of Member Societies of the Region and others ~~at his discretion as appropriate~~.

10 THE SECRETARY GENERAL AND THE SECRETARIAT

- 10B.1 About 18 months before the office of the Secretary General becomes vacant, the current President will invite Member Societies to submit proposals for filling the post. Each proposal should include the name of the person recommended for the post, together with the location and structure of the Secretariat and an estimated budget plan for its operation. The President shall set up an Appointment Committee made up of 3 Board Members selected by the President, plus the immediate Past President and the President who will chair this Committee. The candidate for the new Secretary General elected by the Committee, together with the proposed location and structure of the Secretariat, will be put to the Board and must be supported by its majority.
- 10B.2 The terms of appointment of the Secretary General shall be decided by the President in consultation with the Finance and Budget Committee. The period of appointment will be 8 years from mid-term to mid-term of the ICSMGE. The name of the incumbent Secretary General could be included in the above mentioned proposal and discussed in the Appointment Committee along with other proposals. The incumbent Secretary General may be reappointed, but their extended term of office should be four years only.
- 10B.3 In the event of impediment, sudden resignation or death of the Secretary General, his duties shall be undertaken by the Liaison Officer appointed by the Host Member Society pending the appointment of a new Secretary General. (Ref. BL 10D.2)
- 10B.4 The Secretary General cannot be a candidate for President or Vice-President before three years have elapsed from the end of ~~his~~ service as Secretary General.
- 10C.1 The duties of the Secretary General shall include the conduct of all correspondence and current business of the International Society, the preparation and distribution of the Agenda of Board and Council meetings together with other required documentation and the preparation and maintenance of minutes of such meetings and reports thereon.
- 10C.2 The Secretary General shall ensure that a draft record of the decisions taken at Council meetings is available for distribution within two days after the meeting. Full draft minutes of Council, Board and other special meetings should be circulated within two months after the meeting. The minutes will be presumed to be confirmed if there are no written objections within six months.
- 10D.1 The Host Member Society should undertake to act on behalf of the President as the Custodian of the Secretariat with responsibility for supporting the Secretariat and ensuring its efficient and economic operation.

10D.2 To assist in carrying out its responsibilities the Host Member Society after consultation with the President shall appoint a Liaison Officer, who will be familiar with the 'modus operandi' of the Secretariat.

10E.1 The Secretariat will maintain filed records of all correspondence officially transacted for an appropriate period of time.

10E.2 The Secretariat will endeavour to maintain a complete library of all the Proceedings of International, Regional and Specialty Conferences and Symposia held under the auspices of the International Society. (Ref. BL 14D.5)

10E.3 The Secretary General is responsible for the reproduction and distribution of the list of Members (Ref. BL 4A.1), and similar documents, in accordance with the Statutes and Bylaws or as decided by the Council.

10F.1 The Secretary General shall send to each Member Society an annual account of the dues owing (Ref. BL 5B.1) and shall ensure that all contributions and dues paid to the International Society are placed in a separate account and that a record is kept.

10F.2 The Secretary General is responsible for keeping the accounts of the International Society; for the preparation of the annual account of receipts and expenditures and for payments for the International Society up to the limit of the approved budget. (Ref. BL 5A.4). ~~He shall acknowledge all~~ All money received shall be acknowledged. Only ~~he the~~ Secretary General or the President may authorise expenditure. (Ref. S 5E)

10F.3 The Secretary General shall prepare financial statements of receipts and expenditures (Ref. BL 5A.2 and BL 5A.5) and shall justify expenses incurred when requested.

11 THE COUNCIL

11E.1 Reasonable notice of a Special Council Meeting is deemed to be not less than forty days.

12 COUNCIL MEETINGS

12B.1 In voting on the venue for a future Council meeting a simple majority of delegates of Member Societies present or represented shall suffice. (Ref. BL 12I.1)

12B.2 With a view to distributing meetings evenly among the Regions, Member Societies from a Region that has recently hosted a mid-term Council Meeting (i.e. a meeting held between International Conferences) shall refrain from offering to host the next two mid-term Council meetings unless no acceptable invitation is received from the remaining Regions.

12C.1 The Agenda will normally cover the following items:

- (i) Minutes of the previous meeting: matters arising.
- (ii) Election of new Member Societies.
- (iii) Audited Financial Statements for preceding period and draft budget for ensuing period.
- (iv) Reports of President and Vice-Presidents.
- (v) Business raised by President, Member Societies, or from other sources.
- (vi) Selection of venue for future International Conference (if applicable). Ref. S. 14B.
- (vii) Report(s) from Organising Committee(s) for forthcoming International Conference(s).
- (viii) Election of next President (if applicable).
- (ix) Names of new Vice-Presidents {if applicable}.
- (x) Invitations for holding the next Council/Board Meetings (if applicable).
- (xi) Reports of technical and administrative Committees.
- (xii) Matters arising from Board meetings.
- (xiii) Items submitted after preparation of Agenda, subject to agreement of Chairman.
- (xiv) Any other business.

12E.1 In order to facilitate the conduct of business the following procedures should be observed:

- (i) Motions will be printed on the agenda and no other motions will be discussed except by agreement with the Chairman. Minor matters may be raised under 'Any Other Business'.
- (ii) A motion for which no seconder can be found cannot be discussed or put to the vote. It falls to the ground, and cannot be reconsidered during the

meeting. Motions by the Chairman require no seconder.

(iii) In discussing a motion no member may speak more than once, except at the invitation of the Chairman. The mover, however, will be given the right of reply at the end of the discussion.

(iv) After the discussion the Chairman will read the motion to ensure that the meeting knows exactly what it is voting on, and a vote will be taken.

(v) If the motion is passed, it becomes a Resolution. Neither a Resolution nor a failed motion may be reopened during the current session of the Council.

(vi) An amendment is an alteration made by adding, changing, substituting or omitting a word, phrase or sentence of a motion. It may partially change the meaning of the motion, but must never contradict it. Amendments should be passed to the Chairman in writing.

(vii) A member who has spoken on a motion cannot move an amendment, but he may speak on an amendment moved by another.

(viii) If there are several amendments to a motion, they will be considered successively, so that an amendment to alter the first part of the motion comes first, etc.

(ix) Each amendment must be moved, seconded, discussed and voted on separately. Only one amendment may be discussed at the time.

(x) When the amendments have been separately disposed of, the Chairman will put the motion as amended clearly to the meeting. Further discussion may arise before the vote is taken.

(xi) There is no right of reply for the mover of an amendment. If, however, his amendment has been carried and materially alters the sense of the motion, the amended motion will become the substantive motion, and the right of reply will devolve from the mover of the original motion to the mover of the amendment.

12F.1 Member Societies must inform the Secretary General in writing the names of their voting delegate and non-voting delegate.

12I.1 When more than two choices are available and none of the choices receives a majority of votes on the first ballot count, that choice or choices receiving the fewest votes shall be deleted, and a second ballot conducted. The procedure shall be repeated successively until one of the choices receives a majority of votes. Should a tied situation occur the Chairman shall exercise a casting vote.

12J.1 (i) If there are two options, Member Societies will indicate their choice on the ballot paper.

(ii) If there are three or more options, Member Societies will mark on the ballot paper their choices 1, 2, 3, etc. in order of preference. The primary votes (marked with 1) shall be counted first and if one option receives the absolute majority of all primary votes, i.e. half the votes cast plus 1, it shall be declared successful. If there is no absolute majority, the option with fewest primary votes shall be excluded from the ballot. In the case that two or more options are found in this situation, the one with less secondary votes (marked with 2) shall be excluded from the ballot. The voting papers for that option will be recounted and those particular secondary votes shall be given primary status and distributed to the remaining options. This procedure is to be repeated until one option has more than one half of the total number of votes.

12K.1 Proxy votes formalised in accordance with Statute 12G shall be counted in determining the quorum.

13 THE BOARD

13A.1 The President shall chair meetings of the Board. ~~In the absence of the President his absence~~ one of the Vice-Presidents shall be appointed ~~to do so~~ by the President to chair the meeting.

13A.2 The three Individual Members of the Board shall be appointed by the President after consultation to ensure appropriate representation of Member Societies and their

interests on the Board. At least one of the three Individual Members shall belong to the European Region.

13A.3 An Individual Member of the Board's term of office shall be the same as that of the President.

13A.4 The President shall be entitled to fill any vacancy occurring on the Board, after consultation, by co-option.

13A.5 Individual Members of the Board will not be eligible for reappointment to the Board except in the capacity of President or Vice-President.

13B.1 The Board shall normally meet once a year, but consultation may also take place by correspondence. A Board Meeting shall precede the Council Meeting normally at the same venue. (Ref. S. 12B)

14 INTERNATIONAL CONFERENCES

14A.1 A Conference Advisory Committee shall be set up by the President. Normally the Committee shall comprise the President, the Vice-President of the Region in which the Conference is to be held, the Secretary or Chairman of the Organising Committee for the previous International Conference, two members of the Organising Committee of the Host Country and the Secretary General. It shall be responsible for advising on the conference programme but is not concerned with the detailed organisation of the Conference which is the responsibility of the Member Society hosting the International Conference.

14A.2 The presentation of honours, awards or other recognitions for services to the International Society or to geotechnical engineering shall normally be made at the International Conference.

(i) *The Terzaghi Oration* - is to be delivered at each ISSMGE International Conference as a tribute to Professor Karl Terzaghi, first President of the International Society. This Oration shall be given at each International Conference and shall be accorded a position of importance in the programme of events. The Terzaghi Oration should preferably cover case histories, derived from professional activities and explore the dynamic interaction between consulting work, teaching, research and publication. It should exemplify Prof. Terzaghi's intellectual approach to engineering and geology and to the observational method both for improving design and for the advancement of knowledge. The Orator shall ~~have made be a person of distinction~~ distinctive and outstanding ~~in his~~ contributions to geotechnical engineering. The President shall be responsible for selecting the Terzaghi Orator after consulting with Member Societies and Board Members.

(ii) *The Kevin Nash Gold Medal* - awarded in memory of Professor Kevin Nash, Secretary General of the International Society (1965-1981). The medal should be awarded to a person who, through ~~his~~ distinction as an engineer, through ~~his~~ international contributions to engineering practice and education, through ~~his~~ contributions to international good will, and through ~~his~~ service to the International Society has made a major contribution to fostering the ideals and goals of the International Society for Soil Mechanics and Geotechnical Engineering throughout the world.

The recipient is to be selected by a committee composed of the Past Presidents of the International Society, chaired by the immediate Past President, and the announcement will be made at the opening of each International Conference. Presidents and Past Presidents are not eligible to receive the Award.

The committee of Past Presidents should ask the Secretary General to invite nominations from Member Societies. The choice need not be restricted to those nominated in this way.

14A.3 The Conference Organising Committee set up by the host country will take responsibility for the administration, detailed organisation and financing for the International Conference in consultation with the President and the Secretary General. Important decisions on these matters must, however, be approved by the Conference Advisory

Committee. (Ref. BL 14A.1) In particular, these include conference format, timetable and bulletins, proposed facilities for the conference and associated meetings, publishing arrangements for the Proceedings and the registration fee. Organisation of the Conference shall be in accordance with the Manual for ISSMGE Conferences available from the Secretary General.

(i) The technical programme and session arrangements will be agreed by the Conference Organising Committee and the Conference Advisory Committee. The Conference Advisory Committee will be responsible for the selection of session leaders (i.e. Chairmen, General Reporters, Discussion Leaders, etc.). These will be chosen after receiving nominations from Member Societies.

(ii) The Conference Advisory Committee shall decide the allocation of pages in the Conference Proceedings to Member Societies in accordance with the Resolutions of the International Society.

(iii) The Technical programme of ~~an~~ the International Conference of Soil Mechanics and Geotechnical Engineering will have a number of plenary sessions at which there will be simultaneous translation in English and French, plus concurrent discussion or specialty sessions, some of which will have simultaneous translation. A number of specialty sessions may be run by Technical Committees of the International Society. Poster sessions may be arranged to give authors an opportunity to present their papers.

(iv) The Conference Organising Committee should also advise the Conference Advisory Committee of its proposals regarding technical visits and the social programme for the Conference.

14B.1 The Secretary General shall be satisfied that the inviting country has:

- (i) a meeting place with appropriate facilities;
- (ii) suitable hotel accommodation for members and accompanying persons;
- (iii) sufficient of interest in the country for technical and other visits;
- (iv) agreed to follow the Conference rules laid down by the Council.

14B.2 An invitation from a Member Society must be accompanied by a solemn undertaking by the Officers of that Member Society guaranteeing the organisation and financing of the International Conference and agreeing to abide by the principles, rules and procedures for the International Conference as set out in the Statutes and Bylaws in existence at the time that the invitation is accepted.

14B.3 With a view to distributing International Conferences evenly among the Regions, Member Societies from a Region that has recently hosted an International Conference shall refrain from offering to host the next two International Conferences unless no acceptable invitation is received from the remaining Regions.

14D.1 An invitation from a Member Society must be accompanied by a statement signed by the officers of that Member Society setting out what current restrictions (if any) are imposed against the entry of foreign nationals by the Government of the inviting country.

14D.2 If, after an invitation has been accepted, the said Government adversely alters its restrictions, the President shall seek the opinions of all the Member Societies as to whether the International Conference should be hosted by another country, or whether the official status of the International Conference should be withdrawn. After consultation with the Board, ~~he~~ the President shall act in the best interests of the International Society.

14D.3 Participation in the International Conference is intended for bonafide members of the International Society and their accompanying persons only. Other persons approved by the Conference Organising Committee may also attend, with the payment of a 10% surcharge, which will be remitted to the International Society.

14D.4 A surcharge of 5% is added to the registration fee of the International Conference and the revenue accruing from this surcharge remitted to the International Society.

14D.5 Two copies of the Proceedings of each International Conference and other publications arising from the Conference are to be donated to the Secretariat (Ref. BL 10E.2) and one copy of the Proceedings to each of the Secretariats of the International Society for Rock Mechanics, the International Association of Engineering Geology and the Permanent Coordinating Secretariat.

15 REGIONAL CONFERENCES, MEETINGS AND SYMPOSIA

15A.1 The Bylaws for the International Conference shall with due regard to the character of the Regional Conference, also apply to a Regional Conference as agreed at the time the invitation is accepted.

15A.2 The endorsement of the International Society will only be granted to International and Regional Symposia if the time, place and subject have been approved by the President (in the case of International Symposia) or appropriate Vice-President (in the case of Regional Symposia), both in consultation with the Secretary General. Organisation of the Conference shall be in accordance with the Manual for ISSMGE Conferences available from the Secretary General.

15A.3 A Conference Advisory Committee (CAC) shall be set up by the Vice-President at the time of acceptance of the host Member Society invitation. This Vice-President shall chair the CAC until the name of the new Vice-President is known, when that person shall take the chair, but the retiring Vice-President will remain on the CAC. Other members of the CAC will be the Secretary or Chairman of the Organising Committee for the previous Regional Conference, two members of the Organising Committee of the Host Country and the Secretary General. Normally, one or two other senior people should be invited to join the CAC. The Regional CAC shall be responsible for advising on the conference programme but is not concerned with the detailed organisation of the conference, which is the responsibility of the Member Society hosting the Regional Conference.

15B.1 The Vice-President shall ensure that a record of the meeting is written and a copy sent to the Secretariat and to Member Societies within the Region.

15C.1 If only one invitation is received the Vice-President may, after appropriate consultation (normally with the Member Societies within the Region and the Secretary General), approve its designation as a Regional Conference of the International Society.

15C.2 If two or more invitations are received the Vice-President shall convene a Regional Meeting at the time of the previous Regional Conference to discuss the invitations. The choice shall be determined by a simple majority in a secret ballot (Ref. BL 12J.1). The Vice-President shall not have a vote except in the event of an equality of votes when he shall have a casting vote.

16 COMMITTEES

16B.1 Technical Committees may be instituted at the request of a group of members interested in a specific topic and with the knowledge and agreement of the President and Secretary General. Suggestions of topics for the work of Technical Committees should be submitted by Member Societies to the Secretary General six months before the President takes office.

16B.2 A short administrative Report summarising the work of each Technical Committee shall be submitted by the Committee Chairman to the Secretary General six months before the next International Conference for presentation at the Council meeting. The incoming President has the authority to decide if the work of any Technical Committee should continue and which Member Society shall have responsibility for it.

16B.3 Technical Committees may be called upon to organise specialty sessions at an International Conference. (Ref. BL 14A.3 (iii)).

16B.4 If appropriate, technical reports of a Technical Committee will be the subject of open discussion at an

International Conference or other venue approved by the President before final publication.

16C.1 Members of Administrative Committees shall normally be appointed by the President after consultation with the Secretary General and the Board to insure an input from several countries and an appropriate representation of Member Societies.

16C.2 Administrative Committees shall report to the President who may submit the report, with amendments, to the Council. Normally such reports will be subjected to open discussion at a Council meeting before acceptance and, if appropriate, publication.

16D.1 The responsibility for each Regional Committee will be assumed by a specific Member Society which will provide the chairman, secretary and the necessary administration.

17 REGISTER OF MEMBERS

17A.1 The list shall be in a form as requested by the Secretary General. It shall include the name and permanent address of the secretary of the Member Society and of its officers where appropriate.

17B.1 The membership number shall reflect the year of membership, the Member Society to which the Individual Member belongs and a unique membership number.

17B.2 The list of names and membership numbers shall be distributed to the Member Societies in an electronic format suitable for the compilation of membership cards.

17C.1 The layout and wording of the Membership Card shall be in a form prescribed by the Secretary General. The card can be distributed in a form deemed appropriate by the Member Society.

17C.2 The membership card, if issued, shall remain valid for the year of issue plus the period extending into the following year specified in Bylaw 4H.1 as the period within which fees are to be paid.

17D.1 The list shall be in electronic format and subject to the approval of the Member Society shall be posted in an appropriate section of the Society's web site.

18 AMENDMENTS TO THE CONSTITUTION

18A.1 Proposals for amendments to the Constitution must be received at least six months before a Council meeting.

19 DISSOLUTION OR LIQUIDATION

19A.1 In seeking a decision from Member Societies on the dissolution or liquidation of the International Society duly authenticated postal votes shall be accepted in addition to those cast at the Council meeting.

Appendix 3

REPORT FROM THE VICE-PRESIDENT OF ISSMGE, AFRICA TO ISSMGE COUNCIL MEETING, PARIS, 1st September 2013

Prof. Samuel U. Ejezie
ISSMGE Vice-President, Africa (2009-2013)
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1 INTRODUCTION

This report presents an overview of the state of ISSMGE in Africa Region and highlights both the progress recorded and the setbacks encountered in the advancement of ISSMGE ideals in the Region since the last quadrennial International Conference held in Alexandria, Egypt in October 2009.

Although Geotechnical engineering problems abound in the continent, an unbiased assessment of the practice of the profession world-wide easily reveals that the level here is still below expectation. The continent is endowed with a rich diversity of landforms which, naturally, are associated with a wide variety of geotechnical engineering challenges capable of attracting public attention and arousing strong interest in the Soil Mechanics and Geotechnical Engineering profession. Presently however, opinions differ on the level to which this interest has been enkindled. An attempt has been made in this report to objectively assess this using the relative impact of ISSMGE in the Region as the main parameter.

2 STATE OF ISSMGE IN AFRICA REGION DURING 2009 – 2013

a) Member Societies

During the period, 2009 – 2013, the number of potential member societies identified in Africa Region was about 17 while the maximum number of existing active societies recorded at any given time was 11. This does not seem impressive considering the diversity and large number of independent countries in the Region. However, judging from the high level of political and social instability plaguing the continent one may not hesitate to declare that these numbers are relatively satisfactory. Some countries in the Region never knew peace throughout the four year period, while some that

were initially peaceful later got engulfed in political upheavals. These conditions militated against meaningful professional activities. As a result, rather than record a boom in the number of active member societies the number was fluctuating most of the time in consonance with the political situation in the countries.

At present, the member societies include:

- Egypt – Egyptian Geotechnical Society (EGS),
- Tunisia – Tunisian Society for Soil Mechanics (ATMS),
- Sudan – Sudanese Society for Soil Mechanics and Geotechnical Engineering (SSMGE),
- Nigeria – Nigerian Geotechnical Association (NGA),
- Ghana – Ghana Geotechnical Society (GGS),
- South Africa – Geotechnical division of the South African Institute of Civil Engineering (SAICE),
- Francophone Sub-Saharan West and Central Africa (Cameroon, Senegal, Cote d'Ivoire, Mali, Chad, Upper Volta, Niger, Benin, Togo, DR Congo) – Comité Transnational des Géotechniciens d'Afrique (CTGA),
- Mozambique – Mozambican Geotechnical Society (SMG),
- Kenya – Kenyan Geotechnical Society (KGS),
- Morocco – Moroccan Geotechnical Society,
- Zimbabwe

A few among these have been inactive but are currently on the verge of springing back into active mode. In addition, there are positive indications that Ethiopia, Libya, Uganda, and some of the countries in the Francophone league are warming up to form their national societies. This is highly desirable and needs to be facilitated.

It is pertinent to note here that altogether, African member societies account for less than 1000 of the ISSMGE's 19000 members. This, without doubt, is on the low side and underscores the necessity for aggressive membership drive in the Region.

b) Key achievements and Successes

The challenges of low membership enrolment highlighted in the previous section notwithstanding, some remarkable achievements were recorded in the Africa Region of ISSMGE during the period, 2009 – 2013. Chief among these is that closer cooperation has been successfully forged among African member societies. From East to West and North to South the Region resonated as one body and the dichotomy that existed in the past vanished. ISSMGE member societies were motivated and encouraged to participate in events organised by sister African member societies. The benefits of this cooperation have already manifested across the Region in the form of wide geographical spread of participants frequently recorded in events organised by member societies in recent times.

Another achievement worthy of note is that an appropriate platform for member societies to work together in the Region has been created. At present, this is represented by the International Technical Committee of ISSMGE domiciled in Africa. This is the very first time such an opportunity is placed within the reach of members in Africa Region. The Committee is named “TC 107” (Technical Committee on Laterites and Lateritic Soils). It is serving as an ideal platform for studying and proffering solutions to engineering challenges related to the problem soils that abound in Africa. The host country is Ghana, and ISSMGE member societies in the Region have been encouraged to embrace the opportunity created by the Committee and work together on common African geotechnical engineering problems.

c) Highlights of Activities within the Region

Africa Region witnessed a relatively high level of ISSMGE activities during 2009 – 2013 despite the challenges posed by unfavourable socio-political environment. This is a drastic departure from the past when many member societies were known for protracted inactivity. Without doubt, the 17th ICSMGE held in Alexandria, Egypt was a major factor which spurred member societies in the Region into action.

Some selected major Regional and International events that took place in Africa during the period include (in chronological order):

- **ISSMGE International Seminar in Pretoria, South Africa, 29–30 July 2010.**

This was well-attended and enjoyed the patronage of the ISSMGE President, the Secretary General, the Immediate Past President, the Vice-President for Africa, the Immediate Past Vice-President for Africa as well as his predecessor as resource persons.

- **2nd International Geotechnical Engineering Conference (ICGE’10), Hammamet City, Tunis, Tunisia; 25 – 27 October, 2010.**

This was very successful and attracted about 100 participants from 25 different countries as paper contributors. The ISSMGE President and the Vice-President for Africa were there as keynote speakers. The appointed Board member for Europe was also there as well as other keynote speakers. The occasion afforded the Vice-President and the President opportunity to hold a sensitisation meeting with interested participants on the new TC 107 “Laterites and Lateritic Soils”.

- **French Maghreb Conference in Geotechnical Engineering (December, 09-11, 2010)**

This was held in Tunis, and was the first conference of the series titled: “**French Maghreb Conference**”, organized by the Geotechnical Maghreb Group to boost the activities between Maghreb GE with the assistance provided by the

UISF (UNESCO). Indeed, this event latter gave rise to three Maghreb groups, among which is the Geotechnical Maghreb Group, under the label “Science and technology for the Development of Maghreb”.

- **15th African Regional Conference on Soil Mechanics and Geotechnical Engineering (15 ARC), Maputo Mozambique; 18 – 21 July, 2011.**

The Theme of the Conference was: “**Resources and Infrastructure Geotechnics in Africa: Putting theory into practice**”. The vision or motivation for this title was to explore how advances in Geotechnical Engineering can provide solutions to the challenges facing infrastructure development in the continent. The Conference was very successful and well-attended. The ISSMGE President, Secretary General and Immediate past President were all there. The president of the Republic of Mozambique attended in person and performed the opening ceremonies. He was also part of the closing ceremony as he was represented by the Minister for works and Transport and the Governor of Maputo.

A total of 328 participants registered for the Conference and this represents the highest number of participants in any Regional Conference in Africa in recent times. There were more than 50 exhibitors in attendance. A total of about 100 papers and three invited lectures were published in the book of proceedings. The conference also featured technical visits and short courses.

- **International Seminar On Soil Identification And Geotechnical Parameters « Param’12 » 15-16 MARCH 2012, TUNISIA**

This event was attended by one Hundred and seventy participants, coming from Tunisia, Algeria, Morocco, France, Congo, Mali, Niger, Germany, UK, Togo, Italy and Mauritania. Thirteen professional institutions exhibited their latest products in geotechnical engineering. The proceedings of this seminar comprised twenty five papers (25) including eight keynote talks given by experts: Jean-Pierre Magnan, Hocine Ejjaouani, Ramdane Bahar, Patrick Berthelot, Moulay Zerhouni, Philippe Reiffsteck, Michel Bustamante and Richard Jardine.

- **ISSMGE Board meeting in Lagos, Nigeria, 29th April 2012; In conjunction with International Geotechnical Engineering Symposium on “New Trends and Developments in Geotechnical Engineering”, 28 April – 1st May, 2012.**

The Nigerian Geotechnical Association (NGA) organised the two-day symposium in the form of a technical workshop. It was well attended by NGA members, geotechnical engineering students and other stake holders in the ground engineering sector of the academia, the foundation construction industry, and government departments and parastatals. The President of the Nigerian Society of Engineers was ably represented by the Deputy President. The ISSMGE Board members participated in the Workshop as the main resource persons and presented the lead papers. Each used the opportunity to showcase his latest research findings and breakthroughs in Geotechnical Engineering. Some Nigerian geotechnical engineers and researchers also presented papers at the Workshop.

The Workshop papers were divided into three major areas of recent developments in ground engineering and construction namely:

- (i) Underground Constructions;
- (ii) Case Histories in Slope Failures, Land Reclamation and related Problems;
- (iii) Problem Soils of Nigeria.

- **CTGA Scientific Seminar on “African Infrastructure for the New Millennium”, In conjunction with CTGA General Assembly , Kribi; 25th – 29th June 2012.**

The general theme of the seminar was: *"Infrastructures africaines du nouveau millénaire"* (African infrastructure for the new millennium).

About 52 papers were received by the scientific committee, but only 30 were accepted. 16 papers and 5 major lectures were presented, divided in three sub themes namely:

- (i) Specific geotechnical innovations in road techniques;
- (ii) Building materials: characterization, innovation, maintenance;
- (iii) Impact of geotechnical engineering on constructions: cases histories;

About 150 participants attended.

Prior to this, the CTGA held the following events in 2010 and 2011:

- (i) A colloquium from 17th to 18th February 2010 in Yamoussoukro, (Ivory Coast) which was well-attended by participants from Franco-phone countries in Sub-Saharan Africa. The theme of the colloquium was: “Foundations of infrastructures in Sub-Saharan Africa – Design and Case Histories”. About 50 delegates from 9 countries attended.
- (ii) Training courses in laboratory and in-situ testing by the Cameroonian CTGA national group (CNGC) in April 2010.
- (iii) Technical colloquium on the theme: “Soil stability and its impact on construction in Sub-Saharan Africa”, in March 2011, in Bujumbura (Burundi). Almost 70 experts from 9 countries attended this colloquium.

- **3rd African Young Geotechnical Engineers Conference (3AyGEC), Cairo, Egypt; 11 – 14th November 2012.**

The Conference was well-organised and very successful. It provided an atmosphere conducive for vibrant, mutually beneficial, and scientific interaction and discussion among young geotechnical engineers, researchers and graduate students within Africa Region. The programme incorporated five outstanding keynote lectures delivered by renowned senior professional geotechnical engineers on the first two days. The Young Geotechnical engineers also were given ample opportunity to present their research works on a variety of geotechnical engineering topics. The accompanying question and answer sessions were very enlightening; and so also was the technical visit to the site of an on-going Multi Storey Garage project below El-Tahrir Square, which took place on the third day. The Conference recorded an impressive number of participants. The enthusiasm was so high that at the end they unanimously craved for the conference to hold in Africa at least once every one or two years instead of the present quadrennial cycle.

- **3rd International Geotechnical Engineering Conference, Hammamet, Tunis; 21st – 23rd February 2013.**

The Conference had as its Theme: **“New Developments in Analysis, Modelling and Design”** and was organized by the Geotechnical Engineering Research Team of the National Engineering School of Tunis. It was very successful like the preceding 2nd International Conference and attracted a large number of participants.

- **ISSMGE International Seminar, Khartoum, Sudan; 29th June – 1st July, 2013. Theme: “Construction on Weak Rocks”.**

This event was organized under the auspices of the Sudanese Society for Soil Mechanics and Geotechnical Engineering (SSSMGE) in conjunction with ISSMGE. It was intended to resurrect the Sudanese Society and to spotlight the importance of the society in solving the major geotechnical problems in Sudan. This seminar was very well-organised and attracted 184 participants. It was graced by international experts who served as resource persons, including Prof. Jean-Louis Briaud (ISSMGE President), Prof. Pedro S. Pinto (ISSMGE Immediate Past President), Prof. Samuel Ejezie (ISSMGE Vice- President for Africa), Prof. Askar Zhussupbekov (ISSMGE Vice-President for Asia) and Prof. Antonio Bobet of Purdue University, USA.

The Government of Sudan was fully involved and represented as attested to by the presence, at the opening ceremony, of His Excellency the Vice – President of Sudan, Dr. Eng. Elhaj Adam Yousif. Also present was a representative of the Governor of the State of Khartoum – Minister of Physical Planning and Infrastructure Eng., Alrasheed Osman Fageery.

A round-table discussion took place on the second day on the theme, “Construction on Weak Rocks – Challenges and solutions.” The third day offered the guests a field visit sponsored by the Dams Implementation Unit (DIU) to the Dam Complex of Upper Atbara and Setit which is currently under construction.

Detailed reports of these events have already been released by the organisers in the various countries. As summarised above, each of them was resoundingly successful and adequately reflected the rekindled zeal in ISSMGE member societies of Africa Region.

To conclude the discussion on the activities in the Region I wish to accord special recognition to the respective member societies which were instrumental to our success story. They succeeded in ensuring that Africa Region remained visible even in the face of serious challenges. Additional reports on the activities of individual member societies, as submitted by them, are attached herewith as appendix.

3 CHALLENGES AND ISSUES OF CONCERN TO THE ISSMGE IN AFRICA REGION DURING 2009 – 2013

The ISSMGE in Africa Region faced various challenges and issues of serious concern which constituted stumbling blocks to efforts made to promote the profession in the continent. These problems needed to be tackled for meaningful progress to be made. Unfortunately however, they are still very much there as can be inferred from the summary itemised subsequently.

1. During the period under review the ISSMGE in Africa Region was confronted with problems related to membership. The ratio of the number of national member societies to the number of independent nations in the Region remained slightly less than 20%. Concerted efforts to improve on this have not yet yielded the desired result. The struggle therefore continues.
2. Communication barrier imposed by linguistic dichotomy in the Region has adverse impact on ISSMGE activities. This is so pronounced that all the Francophone countries in Sub-Saharan Africa have decided to lump themselves together into one single member society, even when some of them are potentially capable of existing independently.
3. Internal movement in the Region is hampered by lack of adequate road and air travel links. This hikes the cost of transportation to a level that is almost unaffordable by

private individuals. In other words, without corporate sponsorship, a member may find it difficult to attend an ISSMGE event taking place in a member society next door. Most times the airfare to a neighbouring country may be much higher than the fare to a destination in another continent by the same airline.

4. General lack of corporate sponsorship for members in Africa Region, including leaders of member societies, constitutes a big setback to ISSMGE activities and is responsible for the poor representation of the Region commonly witnessed in international events.

4 CONCLUSION

This report has revealed an important latent strength of ISSMGE Africa Region namely, the capacity to cope with the enormous challenges confronting it. Ordinarily, one would have been tempted to predict “low key” for the activities in the Region, but far from that! As catalogued in this report, the Region was vibrant all through the four-year period. Members were able to navigate the challenges and kept ISSMGE profile high. All corners of the Region have experienced high doses of the impact of the Society. The awareness level is very good. It is expected that the benefits of the sensitisation perfected in the last four years will fully manifest within the term of the incoming administration. A durable foundation has been laid and it is our hope that the growth process will be unhindered.

All in all, the period 2009 – 2013, was very successful for ISSMGE Africa Region.

APPENDIX

RECENT REPORTS SUBMITTED BY INDIVIDUAL MEMBER SOCIETIES IN AFRICA REGION

1. SUDAN

NEWS ON RECENT CONFERENCE: THE INTERNATIONAL SEMINAR ON CONSTRUCTION ON WEAK ROCKS

By:

Dr. Hussein Elarabi – Secretary of SSSMGE

Eng. Mohamed A. Bagi Mahmoud Taha – Member of SSSMGE

The Sudanese Society for Soil Mechanics and Geotechnical Engineering (SSSMGE) was established in Sudan in 1986 to promote cooperation among engineers and scientists for the advancement of Knowledge in the field of soil mechanics and its practical applications.

Sudan has experienced considerable development during the last two decades and several large civil engineering projects have been executed in the country. The projects included dams on the River Nile and its tributaries, thousands of kilometres of highways, bridges across the Niles and industrial projects including oil exploration and export facilities. All these projects required intensive geotechnical investigations, material searches and evaluation and consultancy in the related fields. Local experts were involved in most of these projects and a great deal of experience was gained from these projects. It is interesting to mention that most of the challenges regarding compliance with scheduled construction time, performance and cost were related to the geotechnics of the mentioned projects. Many of these projects were founded on weak rocks (sandstone, mudstone and calcareous deposits). The challenges of design and construction on these formations is known and realized worldwide.

The idea of organizing this seminar was initiated during the 17th ICSMGE2009 in Alexandria by Prof Pedro Pinto. Then, the idea was given the utmost attention by the Geotechnical Department of Building and Road Research Institute, University of Khartoum and the members of SSSMGE for the sake of resurrecting the SSSMGE and spotlights the importance of the society in solving the major geotechnical problems in Sudan among which is the construction on weak rocks. This seminar is intended to improve our understanding on this topic.

The International Seminar on Construction on Weak Rocks took place in the city of Khartoum from July 29th to July 1st. This event was organized under the auspices of the Soil Mechanics and Geotechnical Engineering (SSSMGE) in conjunction with ISSMGE in which Prof. Pedro S. Pinto played major roles. It was intended to resurrect the Sudanese Society and to spotlight the importance of the society in solving the major geotechnical problems in Sudan. This seminar attracted 184 participants. The event was organized and advised by the following committees:

The ORGANIZING COMMITTEE

Chairman: Dr. El Fatih M. Ali, President of SSSMGE, General Manager of Engineering Service and Design, Khartoum, Sudan

Secretary: Dr. Hussein Elarabi, Secretary of SSSMGE, Head of Geotechnical Engineering Department, BRRI, University of Khartoum, Sudan.

Members: Dr. Ahmed M. Elsharief, Dr. Mohamed A. Osman, Dr. Abdel Kareem M. Zein, Eng. Omer Gurham, Eng. Adil Abdalla, Eng. Rasha Abu Elgasim, Eng. Bashir Osman, and Eng. Moh. ElBaiyhagi Elgizoli.

The ADVISORY COUNCIL

Prof. J.L. Briaud, ISSMGE President

Prof. Pedro S. Pinto, ISSMGE Past President

Prof Samuel Ejezie, ISSMGE Vice President for Africa

Prof Fatma Baligh ISSMGE incoming Vice President for Africa

The opening ceremony commenced with recitation of few verses from Holy Quran. Afterwards, a speech was given by President Jean. L. Briaud, followed by Prof. Pedro S. Pinto (ISSMGE Immediate Past President) and Prof. Samuel Ejezie (ISSMGE Vice President for Africa). Then a welcoming speech was given by the President of the Sudanese Society, Dr. Eng. Elfatih Mohamed Ali. Also, a speech was given by the representative of the Governor of State of Khartoum – Minister of Physical Planning and Infrastructure Eng., Alrasheed Osman Fageery. Later, his Excellency the Vice – President of Sudan Dr. Eng. Elhaj Adam Yousif gave his speech, in which he mentioned the vital role of soil mechanics and geotechnical engineering in the construction industry. At the end, a speech was given by Prof. Askar Zhussupbekov and his Excellency the Vice – President of Sudan Dr. Eng. Elhaj Adam Yousif exchanged gifts with the foreign experts and posed with them for group photo.

The invited lectures were delivered as what follows;

1. Prof. Jean-Louis Briaud (President of ISSMGE) “Unsaturated soil behaviour for the practicing engineer” and “Shrink – swell soils and the design of foundation for light building”
2. Prof. Pedro S. Pinto (Past President of ISSMGE) “Railway old station building: enlargement and underpinning” and “Lessons learned from two landslide case histories”
3. Prof. Samuel Ejezie (Vice President of ISSMGE for Africa) “Behaviour of lateritic soils in engineering construction tropical Africa” and “Vibration transmission in lateritic soils of the tropical region of Africa”
4. Prof. Askar Zhussupbekov (ISSMGE Vice President for Asia) “Geotechnical construction on weak rock ground of new capital Astana Kazakhstan” and “Analyses of the settlement of pile foundations under weak rock conditions of Astana”
5. Prof. Antonio Bobet (Purdue University, USA) “Deformation and failure of soft rocks: a model for shales” and “Propagation and coalescence of frictional discontinuities”
6. Prof. Fatima Baligh (ISSMGE forthcoming Vice President for Africa) “Deep vibratory compaction method ”
7. Dr. Mohamed A. Osman (Past Director of the Building and Road Research Institute, University of Khartoum, Sudan) “Weak rocks in Sudan origin, distribution and some geotechnical properties”
8. Dr. Ahmed M. Elsharief (Treasurer of SSSMGE, Director of Building and Road Research Institute, University of Khartoum) “Design and construction practices of piers in Nubian Sandstone Formation”

A round-table discussion took place on the second day on “Construction on Weak Rocks – Challenges and solutions.” The third day offered the guests a field visit sponsored by the Dams Implementation Unit (DIU) to the Dam Complex of Upper Atbara and Setit which is currently under construction. All site visitors assembled at Khartoum International Airport where a twin engine Foker plane was ready to departure. The plane took off from Khartoum with 50 Passengers on board at 7:00am and the flight took about 50 minutes to reach Alshowak airstrip. Many presentations were given to the visitors at site. These

followed by a visit to all ongoing construction activities in the site. The visit lasted for three hours where the participants expressed great pleasure and joy to witness a project with such magnitude.

Photographs taken during the conference are presented below.



Photo 1 Reception of ISSMGE members



Photo 2 Session on-going

ii) NIGERIA

NIGERIAN GEOTECHNICAL ASSOCIATION (NGA)
(A Division of the Nigerian Society of Engineers)

WORKSHOP ON NEW TRENDS AND DEVELOPMENTS IN GEOTECHNICAL ENGINEERING

Victoria Island, Lagos, Nigeria, April 29-30 2012

The Nigerian Geotechnical Association (NGA) recently hosted the Board Meeting of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) in Nigeria – a rare opportunity and first time ever in Sub-Saharan Africa.

In conjunction with this highly esteemed Board meeting the NGA mounted a Technical Workshop titled: “New Trends and Developments in Geotechnical Engineering”. The event took place at Eko Hotel and Suites, Victoria Island Lagos. The ISSMGE Board members fully participated as the main resource persons. Each used the opportunity provided by the forum to showcase his latest research findings and breakthroughs in Geotechnical Engineering.

In attendance to listen to the presentations of the ISSMGE Board members and other supporting resource persons at the workshop were the entire NGA Executive and members, as well as Civil and Geotechnical Engineering post graduate students

and other stake holders in the Ground Engineering sector of the academia, Foundation Construction Industry, Geo-environmental practice, and Governmental agencies and departments.

The President of the Nigerian Society of Engineers (NSE) was represented by the Deputy President, Engr. Isaac A. Olorunfemi.

The ISSMGE Board members present included the President of ISSMGE, Prof. Jean-Louis Briaud, the Secretary General of ISSMGE, Prof. Neil Taylor, and the Vice-Presidents for Asia, North America and South America Regions in the persons of Professors Askar Zhussupbekov, Gabriel Auvinet, and Roberto Terzariol respectively. Also in attendance were the ISSMGE appointed Board Members namely, Professors Roger Frank, Ikuo Towhata, and Charles W. Ng. Not left out and of course, very actively involved in the Workshop, are the Chairman of ISSMGE Public Relations Committee, Professor Marc Balouz and the Vice President for Africa Engr. Professor Samuel U. Ejezie (the host).

On behalf of the Nigeria Geotechnical Association (NGA), the Chairman, Prof. S. U. Ejezie welcomed all the ISSMGE Board members and other participants to the technical workshop.

After Prof. Ejezie’s welcome address/opening remarks a Keynote paper was delivered by the President of ISSMGE titled, “**Soil Compaction: Recent Developments**”. Thereafter, other technical papers were presented by the Vice Presidents and Appointed Board members of ISSMGE. Some Nigerian geotechnical practitioners and researchers also made presentations.

Altogether, there were eleven technical papers and presentations, divided into three major thrust areas of recent developments in ground engineering and construction thus: (i) **Underground Constructions**; (ii) **Case Histories in Slope Failures, Land Reclamation and other Recent Findings**; (iii) **Problem Soils of Nigeria and other Soft Soils**. In all, Nigerian geotechnical engineers and researchers contributed five out of the eleven papers.

At the end of the deliberations, the following important conclusions and points were made:

- In recent times, Nigeria is acclaimed to be the country with the largest investment in new infrastructure (competing favourably with Brazil). This surge in investment by both government and private institutions in infrastructure development opens a window of opportunity for geotechnical engineering professionals to partner with professionals in other disciplines and ensure that this aspect of ground engineering is practised to meet design specifications and acceptable standard.

- The road failures and building collapses being experienced all over the country are not acceptable. All geotechnical engineering practitioners must come together to fight this menace by being more active in reporting any default observed during quality control of construction materials and ground engineering works.

- Three zonal offices should be opened immediately, each in the Northern, Eastern and Western zones of the country so as to promptly furnish NGA and NSE reports on aspects of ground engineering and materials quality control in road failures and building collapses.

- There is need for collaboration between Nigerian and international professionals in ground engineering for a mutually beneficial relationship and exchange of relevant ideas on recent developments in ground engineering.

- NGA will collaborate with the construction industry clients and other consultants to ensure that major construction/engineering projects in the country are executed strictly with full involvement of Nigerian ground engineering professionals.

- NGA will become proactive and collaborate with the Federal Ministry of Works and Housing to ensure that competent geotechnical and materials quality control consultants are involved in all their major projects with special emphasis on road construction and monitoring.

- The dearth of ground engineering professionals in the country must be urgently addressed by encouraging young and bright civil engineers to choose a career in geotechnical engineering and instituting post-graduate scholarship scheme through NGA grants to such deserving graduate students.

- NGA will henceforth seek for research grants and donations from partner organisations, Corporate Associates and companies to equip our Universities with modern laboratory and field equipment to enhance and encourage geotechnical engineering research in the country.

- There is need for geotechnical engineers to prepare a database of all major problem soils of Nigeria and also propose engineering solutions.

- Presently, over 90% of the goods and commodities are hauled via road transportation. Most of these trucks are overloaded and contribute to road failure being experienced across the country. There is urgent need for NGA to recommend the installation of weigh bridges along all major roads to guard against excessive axle loading and road collapse.

- Continuous education, training and re-training of all practising geotechnical engineers is encouraged to enable them offer best services in ground engineering.

Recommendations:

1. The enthusiasm with which geotechnical practitioners and students embraced the theme of the Technical sessions needs to be sustained by ensuring that similar Technical sessions, covering topical issues, are organised more frequently.

2. Considering the benefits accruable to the construction industry if ground engineering specialists and professionals are involved in major construction projects, such as durability, longer lifespan of infrastructures and cost savings and value-for-money, it is seen as service to the nation for all ground engineering professionals to get involved immediately to ensure that investments by private and government organisations are not wasted.

3. A Bill should be sent to the National Assembly on the need for qualified Geotechnical engineers and Materials QC specialists to be involved in all major infrastructure projects in Nigeria to arrest Road and Building collapse phenomenon.

Group Photograph



Board members in Lagos



Cross section of participants



Jean-Louis Speaking



President Jean-Louis in Press Conference



iii) MOZAMBICAN GEOTECHNICAL SOCIETY FOR ISSMGE, MAY – 2012

Reported in May, 2013 by Saturnino Chembeze (Secretary)
SMG – Associação Moçambicana de Geotecnia: Av. 25 de Setembro nº 2526
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1. INTRODUCTION

The Mozambican Geotechnical Society (SMG) is a scientific association of individual and collective persons, hereon designated as Society, with headquarters in Maputo. The Mozambican Geotechnical Society was founded in 2007 and has a mandate to promote and facilitate the advancement, exchange and transfer of knowledge, skills and experience in the relevant field of Geotechnical Engineering for the benefit of members and the profession.

General objectives of the Society:

- ✓ to provide members opportunities to upgrade and update their professional-knowledge and skills;
- ✓ to present results of their professional activities, by organizing events and activities to facilitate knowledge, experience and information transfer and exchange;
- ✓ to promote co-operation among researchers and practitioners inside and outside of the country;

- ✓ to organize meetings at the national and international levels and study visits;
- ✓ to promote the publication of works, papers, journals and bulletins;
- ✓ to promote national representation in the international institutions and specialized congresses; and
- ✓ yearly publish a report about the activities carried out by the Society during the previous year and with suggestions about actions to be undertaken.

The Society has been developing many activities in the promotion of their face in the last years. After a successful 15th African Regional Conference on Soil Mechanics and Geotechnical Engineering (15ARC), hosted in Maputo, Mozambique, from 18th to 21st July 2011, the society has noted a significant development, in terms of activities and impact of its influence in the civil engineering field and in the national society.

Relationships with other professional organizations have been developed during these last years allowing some support for the society. SMG considers that, the relationship with ISSMGE is a privilege, so this organization is always available to support the society.

SGM is also committed to promote and involve young engineers and students, to be active in the Geotechnical Engineering. Cooperation with universities is also one of important actions that has been carried out throughout these years. The society have been supported Faculty of Engineering with Geotechnical books for libraries, via sponsor of local companies to increase the level of students in the faculties, invites students for workshops, conferences and other events with total or reduced fees. It is important to refer that a very useful local partner company, Tecnica, Engenheiros Consultores, which always is available to support SMG events.

2. Membership Information

SMG members, at the time of completing their membership form and during the year, are given the opportunity to choose different areas of interest as their preferences for collaboration. General Meetings of the Society are not always attended by all members even though promotions, including e-mail reminder, phone calls, and providing snacks to encourage attendance. The Society have now 37 members affiliated with the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), against 32 in the last year. All fees of members are paid for this year. SMG has his own finances coming from sponsors from local companies and feeds membership dues directly to ISSMGE every year.

3. Activities

To achieve their objectives, the society has been disseminating results of several researches and always invites engineers to present and discuss with local technicians their experiences. The main field of action is Soil Mechanics and Foundations, although other areas like Rock Mechanics, Geoenvironmental Engineering, Geosynthetics, Engineering Geology, and others are discussed.

The core of the Society is to promote classical geotechnical engineering, to promote the documentation of case histories and experience of practicing engineers, and to promote and facilitate the continuing education of our members. This occurs through the regular technical workshops at the local level, through short courses, symposia, and interaction with the International Society of Soil Mechanics and Geotechnical Engineering. During the last few years, the Society organized some workshops with support of local companies. Some of these works are indicated below:

Peter Assinder, from Germany company HUESKER Synthetic GmbH, 01 de November 2012.

Theme: Geosynthetics in Civil Engineering

This presentation was well attended. There were several questions at the end of the presentation which indicated that the audience had a keen grasp on the contents of the presentation. The society realized that, Geosynthetics could be a very important area of attention for next years in Mozambique. This presentation included several slides on geotechnical/erosion problems around Maputo and presented on potential geosynthetic solutions to these problems.

Two presentations were prepared by Silva Cardoso - Vice-Rector and Professor of Geotechnics in Porto University, Portugal - 15 and 21 June 2012

Presentation 1: Stability of Excavations

Presentation 2: Evaluation of Safety in Geotechnics

These two presentations was attended by more than 100 people

Ricardo Nicolas - geotechnical Engineer, from company RODIO - Portugal, operating in Mozambique - 28 September 2011

Cases of Errors in Execution of Geotechnical Works - Pile Walls, Piled Foundation, Jet Grouting and Type Solutions.

The presentation was attended by many civil engineers, designers, site supervisors of projects, academics and other interested people.

Some other actions were done, supported by SMG. Companies from Portugal, Germany, South Africa have interacted with SMG and presented their communications in workshop or seminars in Maputo. These companies are not limited on geotechnics, but in structures, hydrogeology, geosynthetics, etc.

SMG also encourage and support young engineers to follow geotechnics and their participation in the national and international events. The society is supporting the participation of young engineers in the Conference of Paris for Young Geotechnical Engineers, this year. Promotes also the participation of senior engineers and encourage all to research and present their conclusions in conferences financed by society via sponsored packages from companies.

4. Perspectives and Vision for the Future and Last Remarks

The main issue to improve the Society is promotion and shows the advantages of membership and affiliation. Promotional workshops are very necessary, there still many people who don't understand the importance of Geotechnics. Contractors, designers and other intervenient in civil engineering must be called to disseminate the importance of this knowledge. Mobilization is always in course to achieve this objective.

Arrangements for conferences and short courses are very important for actual stage in Mozambique.

At the moment, in north and centre of Mozambique there are a lot of new big projects, mainly in coal and gas. Environmental aspects will be very important on these projects and SMG should be in good position to approach to this side. A lot of slopes, excavations and other geotechnical structures will be executed there.

Slowly, people are understanding the advantages and important of Geotechnics in Mozambique. SMG is planning to support the participation of a small delegation to the 8th International Conference on Soil Mechanics and Geotechnical Engineering from September 2 to 6th 2013, Paris (France).

A great expectative is in mind to discuss with other societies and colleagues, the way to improve cooperation in geotechnical Engineering.

iv) GHANA

REPORT ON ENGAGEMENTS OF GHANA GEOTECHNICAL SOCIETY (GGS) 2012

Membership

During the past years, membership of GGS has seen fairly good increase over the past years. Currently total number of members in our books stands at fifty-four (54). However about twenty (20) could be said to be active.

International Seminar

In March 2012, GGS provided the platform to the International Geosynthetic Society (IGS) for the organization of international geosynthetic workshop in Ghana. The event attracted satisfactory attendance of forty-eight (48). Technical sessions were handled by three IGS council officers. After this workshop GGS initiated the formation of a local chapter of IGS and it will be hosting the African Conference on geosynthetics termed GeoAfrica 2013 starting 18th November 2013.

Executives

GGS had its mandated executives in place during the 2012 annual general meeting (AGM). The following members, as stipulated by the constitution, were elected to manage GGS for the 2012 to 2014 period:

- President Prof. S.I.K Ampadu
- Secretary Joseph Oddei
- Treasurer Kweku Mensah-Solomon
- Member Dr. Simon K. Gawu
- Member John Kemeh

MEETINGS

The GGS held a meeting on June 5th 2012. The meeting saw the need for a committee to look into ethics in geotechnical practice in Ghana. An ethics committee under the chairmanship of Dr. Akayuli was set up. The committee presented its report during the AGM on 31st July 2012. The committee recommended that the Ghana Geotechnical society follows the general professional practice and ethics of the Ghana Institution of Engineers. In addition, the following ISSMGE documents were reviewed: Guidelines for Professional Practice (March 2004), Appointment of a Geotechnical consultant (Feb 2005), Geotechnical Ground Investigation (Feb 2005). A committee to compile a database of geotechnical subsurface profiles in Ghana was put in place. All members were requested to deposit copies of their geotechnical investigations with the committee.

v) TUNISIA

ACTIVITIES LED BY THE TUNISIAN SOCIETY FOR SOIL MECHANICS (ATMS) SINCE 2010

Main activities led the ATMS are summarized below. The programme consisted of several national technical meetings/seminars and international Seminars.

1. French Maghreb Conference in Geotechnical Engineering (December, 09-11 2010)

Held in Tunis, it was the first conference of series “**French Maghreb Conference**” organized by the Geotechnical Maghreb Group to boost the activities between Meghreb GE with the assistance provided by the UISF* (UNESCO). Indeed, this latter launched three Maghreb groups, among which the Geotechnical Maghreb Group, under the label “Science and technology for the Development of Maghreb”.

2. Technical education in geophysics applied to geotechnical engineering 27 may 2011 in tunis.

3. Technical education in jet grouting, 25 May 2012

4. International seminar on soil identification and geotechnical parameters « param'12 » 15-16 march 2012

This event was attended by Hundred and seventies participants, coming from Tunisia, Algeria, Morocco, France, Congo, Mali, Niger, Germany, UK, Togo, Italy and Mauritania. Thirteen professional institutions exhibited their latest products in geotechnical engineering. The proceedings of this seminar comprised twenty five papers (25) including eight keynote talks given by experts: Jean-Pierre Magnan, Hocine Ejjaouani, Ramdane Bahar, Patrick Berthelot, Moulay Zerhouni, Philippe Reiffsteck, Michel Bustamante and Richard Jardine.

5. Technical education on landslides held in tunis on 28-29 january 2013

First day comprised keynotes talks and oral presentations. A site visit was organized during the second day for the project of landslide repairing in National Road 17 in Jendouba's Governorate located North-West of Tunisia.

6. ATMS committee supported the 3rd International Conference on Geotechnical Engineering as organized by the Geotechnical Engineering Research Team (National Engineering School of Tunis).

A report on this international event is to be sent to the ISSMGE secretariat.

From the end of April 2013, ATMS committee started the preparation of the next African Regional Conference to be held in Hammamet on April 27-30, 2015. First bulletin of this event will be distributed during the ICSMGE, Paris 2013.

End of report prepared by Prof. Mounir Bouassida and Dr. Samia Boussetta, June 24, 2013.

vi) SOUTH AFRICA

GEOTECHNICAL DIVISION **South African Institution of Civil Engineering**

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List of Past Activities of the Geotechnical Division of the South African Institute of Civil Engineering (SAICE):

Short courses

The Geotechnical Division of SAICE presented a two day course on Site Investigation. The course was presented by Prof C.R. I. Clayton of the University of Southampton and prominent South African speaker during March 2013.

Awards

- The Gold medal is awarded to an individual who, in the unanimous opinion of the Division Committee, has made a significant contribution to furthering the art and science of geotechnical engineering in South Africa.

Winner: Gavin Wardle

- Jennings award is presented for the best paper relevant to geotechnical engineering by a member of the Geotechnical Division published either in SA or elsewhere.

Winner: G. Smit and C.R.I. Clayton for their paper on "The Behaviour of Modern Flexible Framed Structures Undergoing Differential Settlements".

- Barry van Wyk Award is presented annually to the author of the best final year dissertation on a geotechnical topic at a South African University or University of Technology.

Winner: C. Warren-Codrington (University of Cape Town) for dissertation on "An Investigation into the Stability of Structures adjacent to Bulk Excavations for the University of Cape Town's New Engineering Building."

Planned Activities:

- Evening lecture on "Plate load testing" By H. Barnard.
- Jennings Lecture on "Statistical Characterisation of Geotechnical Parameters" by K. K. Phoon (University of Singapore) presented at the University of Pretoria and the University of Cape Town during July.
- Short course on Reliability Analysis & Design in Geotechnical Engineering by K.K. Phoon (University of Singapore), presented on 26 July in Midrand.
- AGM November 2013.
- Revision of lateral support codes.

vii) EGYPT

EGYPTIAN GEOTECHNICAL SOCIETY (EGS) **Progress Report October 2009 – August 2013**

Although the political situation in Egypt was unstable since January 2011, the Egyptian Geotechnical Society (EGS) was able to arrange many activities in different directions. Some of these activities can be summarized as follows:

- Organizing of the Third African Young Geotechnical Engineers Conference (3AyGEC'12), from 12-14 November 2012, Cairo – Egypt. Twenty eight researchers participated from Algeria, Sudan, Tunisia, Ghana, Egypt, Nigeria and Yemen. The conference is primarily for the benefit of young geotechnical engineers – where they present their work, discuss, exchange ideas and interact with their fellow researchers in the presence of senior chairpersons in their fields. The program included four keynote lectures, six paper sessions and a technical visit. The conference was chaired by Prof. Fatma Baligh (Egypt).
- Organizing the International Conference on Earthquake Geotechnical Engineering – from Case History to Practice (ICEGECHP), 17-19 June 2013, Istanbul – Turkey. This conference was initially planned to be in Aswan – Egypt but due to the unrest, it was moved to Istanbul. The conference was chaired by Prof. Mohamed Sakr (Egypt) and Prof. Attila Ansal (Turkey).
- Members of the society contributed in the continuous updating and adding of new volumes to the Egyptian code of Practice for Soil Mechanics and Foundation Design. This code of Practice is also implemented in the Arab countries.
- Organizing a series of lectures by EGS members and Egyptian Professors who work in different foreign countries.

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The report about activity of Asian Geotechnical Societies in ISSMGE

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ABSTRACT: This paper included of report of activity of Asian Geotechnical Societies in ISSMGE (2009-2013), especially since 2011 till 2013 after Council Meeting, Toronto, Canada.

KEYWORDS: society, conference, symposium, seminar, workshop.

1 GENERAL INTRODUCTION

Active Asian Geotechnical Societies, which organized several international conferences, symposiums, workshops, seminars, etc. are: Japan, South Korea, Kazakhstan, Hong Kong, SEAGS, Vietnam, India, Indonesia, Iran, Nepal, Singapore, Iraq, Lebanon, China, CTGS, Syria, Uzbekistan, Sri Lanka, Tajikistan. Thailand, Kyrgyzstan had some activity and will organize conferences of end of year. In the following slides you can find the present activity of Asian Geotechnical Societies

1.1 The distribution of Asian geotechnical societies (see Figure 1)



Figure 1. The Asian Region of ISSMGE includes 23 Asian geotechnical societies

2 CHINESE INSTITUTION OF SOIL MECHANICS AND GEOTECHNICAL ENGINEERING –CHINA CIVIL ENGINEERING SOCIETY (CISMGE)

2.1 International Conference, seminars:

1. International Symposium on Geotechnical Engineering for High-speed Transportation Infrastructure. May 2012, Hangzhou China, 80 participants
2. Constitutive modeling of Geomaterials – Advance and New Application (IS-Model2012), October 2012, Beijing China, 90 participants
3. International Symposium on Earthquake-induced Landslides, November 2012, Kiryu, Japan. 70 participants
4. 2012 Forum on Urban Geoenvironment & Sustainable Development, Hong Kong China, December 2012, 120 participants
5. Geosynthetics 2013, April 2013. Long beach USA. Participants (NA)

Memorandum of understanding (MOU): CISMGE has MOU with JGS (2006), ASCE (2009)

Hosting ISSMGE TC: TC-210 Dams and Embankments (Chairman Dr. XuZeping, China Institute of Water Resources & Hydropower Research). *Holding annual symposiums, workshops, seminars, shot courses*

2.2 National Conferences, Seminars, Workshops:

- 2011 Fall the 11th National Conference on Soil Mechanics and Geotechnical Engineering, Lanzhou China. 1199 participants
- 2011 Fall the 10th National Conference on Pile foundation, Kaifeng China. 559 participants
- 2011 Fall the 3rd National Conference on Environmental Geotechnics and Geosynthetics, China. Shanghai 240 participants
- 2012 Spring the 15th Huang Wen Xi Lecture, Nanjing China, 500 participants
- 2012 Spring National Symposium on Ground Improvement of Dredger Fill, Wuhan, China. 200 participants
- 2012 Fall The first Geotechnical Forum for Young Engineers, Beijing, China. 50 participants
- 2012 Fall the First National Conference on Multi-field Interaction and Environmental Geotechnics, Hangzhou, China, 170 participants
- 2013 Spring the 16th Huang Wen Xi Lecture, Beijing China, 500 participants
- 2013 Spring The 4th Symposium on Geosynthetics for Soil Reinforcement

2.3 The periodical journals (2011-2013):

- Chinese Journal of Geotechnical Engineering (in Chinese) – 12 times per year (200 papers published)
- Chinese Journal of Earthquake Engineering (in Chinese), 6 times per year (15 papers published)

3 CHINESE TAIPEI GEOTECHNICAL SOCIETY

3.1 International Conference, seminars:

1. Symposium in Honor of Prof. Jose M. Roesset (Texas A&M U). October 17, 2012 in Taipei, Taiwan. 10 papers from Prof. Roesset and former students were collected and presented at NTUST at this event.
2. The 5th Taiwan-Japan Joint Workshop on Geotechnical Hazards from Large earthquakes and Heavy Rainfall (5th ATC3). November 12~15, 2012 delivered at National Cheng Kung University, Tainan, Taiwan.
3. Engineering Numerical Analysis and BEM Taiwan 2013. March 20, 2013 delivered at National Chung-Hsing U., Prof. Steven L. Crouch (U. of Minnesota) as the Keynote.
4. Organizing 1st Taiwan-Kazakhstan Joint Workshop in Geotechnical Engineering. May 27, 2013 to be delivered in TKU Taipei campus. 19 papers to be presented. 12 delegates from Kazakh Geotechnical Society, 3 delegates from Japan

and 9 delegates from Taiwan are sharing and exchanging experiences on techniques and educations.

5. The 15th Conference on Current Researches in Geotechnical Engineering in Taiwan, September 11-13, 2013, Yunlin, Taiwan. Profs. CH Juang, James K. Mitchell, F. Tatsuoka, Prof. Robert Y. Liang, Prof. CC Huang, Dr. HS Hsieh and Dr. Barry Chen will deliver keynote lectures.

3.2 Geotechnical Seminars:

2012.02.29/ ISSMGE VP Asia Lecture delivered at TKU, Taipei, Taiwan by Prof. Askar Zhussupbekov

Lecture 1: Geotechnical Issues of Megaprojects in Problematical Soil Ground of Kazakhstan

Lecture 2: Geotechnical and Structural Experiences of Chernobyl Nuclear Power Station Disaster (Ukraine, 1986)

2012.05.09/ Lecture: Contributions of Field Case Histories to Geotechnical Earthquake

Engineering delivered at NTUST, Taipei, Taiwan by Prof. I.M. Idriss

2012.06.20/ 7 lectures were delivered on Advanced FEM Analysis on Underground Engineering Works by different CTGS society members at NTUST, Taipei, Taiwan.

2012.06.21/ 2 lectures were delivered on Bored Pile Construction and Analysis by Dr. Steven Dapp, and Dr. H.S. Hsieh at NTUST, Taipei, Taiwan

2012.10.19/ Seminar lectures on Unsaturated Soils held at NTUST, Taipei, Taiwan

2012.11.23/ 2 lectures delivered by Prof. C.Y. Chin on Reliability Based Design and Prof. Malcolm Bolton on Performance-Based Design in Geotechnical Engineering-2012 Rankine Lecture.

Memorandum of understanding (MOU): TAF (Taiwan) ~ 2012.03.17

Newsletter publications: Vol. 15 No.3, Vol. 16 No.1~2 (in Chinese)

Site reconnaissance (geology tours): Fei-Tsuei Dam Field Trip (75 persons)

3.3 Journal Award (2012 Spring CTGS Convention):

- Distinguished Paper - Reliability-Based Robust and Optimal Design of Shallow Foundations in Cohesionless Soil in the Face of Uncertainty – by C.H. Juang, L. Wang, S. Atamturktur and Z. Luo

- Best Paper – Failure Mechanism of Granular Soil Slopes under High Intensity Rainfalls – by R.H. Chen, K.J. Kuo and W.N. Chien

- Best Paper – Secondary Compression Behavior in One-Dimensional Consolidation Tests – by T. Takeda, M. Sugiyama, M. Akaishi and H.W. Chang

- Best Paper – CWT Techniques for Low-Strain Intensity Testing of Deep Drilled Shafts – by S.H. Ni, W.M. Isenhowe and Y.H. Huang

3.4 CTGS Award (2012 Spring CTGS convention):

- Technical Award - CECI, Sinotech Engr. , DRTS, TCG
- PhD Thesis Award - Dr. S.H. Wu at NTUST and Dr. C.C. Liao at NCKU

- MS Thesis Award – Mr. CY Chen at NCTU, Mr. Y.B. Lu at NCU, Mr. H.H. Juang at NTU

3.5 National Conferences, Seminars, Workshops:

- 2011 Geotechnical Engineering Conference, Taiwan 450 participants

- 2013 Geotechnical Engineering Conference, Taiwan 600 participants

3.6 Periodical journals (2011.10-2013.02):

- Journal of GeoEngineering (in English, EI), Vol. 6 No.4, Vol. 7 No. 1~4 (23 papers)

- Sino-Geotechnics (in Chinese), Vol. 130, Vol.131~134 (65 papers)

3.7 Delegates:

- Prof. K.H. Yang, NTUST, 7AYGEC, Tokushima U., Japan.
- Dr. C.C. Lu, Sinotech Consulting Inc. 5iYGEC'13 (see Figure 2).



Figure 2. Visiting of CTGS, Taiwan, China, 2011

4 HONG KONG

4.1 Hosting ATC/TC: One-day Seminar on “The Observation Method and Its Applicability to Hong Kong” (4 Feb 2012 - jointly organized by HKGES, HKIE-GD, AGS and TC206)

4.2 International Conferences, Seminars: Joint Workshop of ISSMGE TC101-TC105 on “Experimental Micromechanics for Geomaterials” on 23-24 May 2013 at the University of Hong Kong.

4.3 Local Conferences, Seminars, Workshops:

- Half-day seminar on “Initiatives and Geotechnical Issues on Land Supply for Future Development” on 24 March 2012

- Annual Seminar on “Geotechnical Aspects of Tunneling for Infrastructure Development” on 25 May 2012

- Reprise of the 52nd Rankine Lecture was held on 30 November 2012 at HKUST. The lecture was organised jointly by HKGES, HKIE-GD and HKUST.

- Half-day workshop on “Ground Improvement and Slope Engineering” was held on 8 Dec 2012. The workshop was jointly organised by HKGES, HKIE-GD and the Indonesian Society of Geotechnical Engineering.

- Annual Seminar on “Geotechnical Aspects of Tunneling for Housing Supply and Development” on 31 May 2013 (see Figure 3).



Figure 3. The 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering, Hong Kong, China, 2011.

5 INDONESIA

5.1 International Conference, seminars: 1) International Workshop on Modern Pile Testing Method "PILE DYNAMICS 2012" 12-13 November, Bandung, Indonesia. 37 participants; 2) International Workshop on Modern Pile Testing Method "PILE DYNAMICS 2012" 22-24 November, Wuhan, China. 170 participants.

MOU: ISGE has MOU with Institute of Rock and Soil Mechanics IRSM, Chinese Academy of Sciences (China 2010).

2st ISGE Award (2012 award for contribution to develop geotechnical engineering in Indonesia):

Ir. Soekrisno Rammelan; Prof. DR. Ir. A. Aziz Djajaputra; Ir. PB. Kumara

5.2 National Conferences, Seminars, Workshops:

- 2011 Workshop and Certification for license as geotechnical expert, Jakarta Indonesia. 31 participants.
- 2011 15th Annual National Conference on Geotechnical Engineering, Jakarta, Indonesia. 380 participants
- 2011 Workshop and Certification for license as geotechnical expert, Jakarta Indonesia. 37 participants.
- 2012 Workshop and Certification for license as geotechnical expert, Bandung Indonesia. 32 participants.
- 2012 Workshop and Certification for license as geotechnical expert, Jakarta Indonesia. 26 participants.
- 2012 National Seminar on Design and Construction Challenges in Problematic Soil, Surabaya, Indonesia. 90 participants.
- 2012 16th Annual National Conference on Geotechnical Engineering, Jakarta, Indonesia. 320 participants.
- 2012 One-Day Workshop on Ground Improvement for Infrastructure, Jakarta, Indonesia. 320 participants.
- National Seminar on Building Failure due to Ground Movement Phenomenon, Pontianak, Indonesia. 120 participants.
- 2012 Workshop and Certification for license as geotechnical expert, Semarang Indonesia. 23 participants.
- 2012 Workshop and Certification for license as geotechnical expert, Jakarta Indonesia. 36 participants.

6 IRAQ

6.1 International Conferences, Workshops and Seminar participations:

- Fifth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, San Diego, California, USA, May 24-29, 2010.
- International Symposium, TC 211, IS-GI, Brussels 2012.
- 3rd International Conf. on New Development in Soil Mechanics and Geotechnical Engineering, 20-30 June 2012, Near East University, Nicosia, North Cyprus.
- IVth Central Asian Geotechnical Symposium, 21- 23 Sept. 2012, Samarkand.
- International Symposium on Sustainable Geosynthetics and Green Technology for Climate Change (SGCC) held from 20 to 21 June 2012 in Bangkok, Thailand.
- International Conference on Geotechnical Engineering, Feb. 2013 Hammam-Tunisia.
- 18th International Conference of Soil Mechanics and Geotechnical Engineering, Paris, 2013.
- Workshop Of the International Technical Committee on Soil-Structure Interaction - TC207, Paris, September, 2013.

6.2 National Conferences, Workshops and Seminars:

- Scientific Conference of the Ministry of Construction and Housing of Iraq, March, 2010.
- Comprehensive Engineering Conference for University Research Theses – May 2012.

- 1st International Conference for Geotechnical and Transportation Engineering, Department of Building and Construction Engineering, University of Technology, Baghdad, April 3-4, 2013.

- Workshop on Sustainability of Higher Education Infrastructures, University of Baghdad, College of Engineering, December 2012

6.3 Periodicals and Journals:

- Al-Handassa Engineering Journal, College of Engineering, University of Baghdad.
- Engineering and Technology Journal, University of Technology.
- Al-Rafidain Engineering Journal, University of Mosul.
- Kufa University Engineering Journal.
- Scientific Journal of Tikrit University, Engineering Sciences.
- Nahrain University College Engineering Journal.
- Al-Muhandis Journal of the Iraqi Society of Engineers.
- Participation in the second international symposium on Geotechnical Engineering for the Preservation of Monuments and Historical sites Napoli 30-31. 2013, TC301

7 IRAN

7.1 International Conferences and Seminars:

- Co-organizing the 1st International and 3rd National Conference on Dams and Hydropower, Feb. 2012, Tehran, Iran
- Sponsoring the 1st Asian and 4th National Conference on Tunneling.

7.2 National Conferences and Seminars:

- Co-organizing the 3rd national conference on Geotechnical Problems of Irrigation and Drainage Networks, June 2012, Karaj, Iran

7.3 New National Technical Committees:

- Professional Committee, January 2012
- Provincial Committee, June 2012
- Young Members Branch, January, 2013
- Holding monthly meetings of "Geotechnical Directing Committee", including geotechnical experts from industry and academy.

7.4 Project and Site Visits:

- Tehran Metro Line, (Under Construction)
- Niyayesh Urban Tunnel, Tehran, (Under Construction)

Admission of New Members:

- 76 Individual members and 16 incorporate members

7.5 Periodical journals and Bulletins:

- Iranian Geotechnical Journal (in English), 1st issue to be published soon.
- Quarterly Bulletin for IGS Members, in Persian.
- Translation of Lexicon to Farsi (Persian), available in the ISSMGE website

7.6 New Office for IGS :

- An office for IGS in the heart of Tehran was purchased with the donations provided by IGS members.

8 INDIA

Seminars/Workshops (2011):

IGS-Thanjavur Chapter: One day Workshop on Ground Improvement Techniques (15th Oct.2011).

IGS-Visakhapatnam Chapter: One day Workshop on Soil Retaining by Reinforcing Techniques (Oct.22, 2011).

Indo-Japanese Workshop: Conducted One day Joint Workshop in association with Japan Geotech. Society on 14 Dec. 2012.

Annual National Conference by IGS-Kochi Chapter: Hosted the Indian Geotechnical Conference (IGC-2011), 15-17 Dec. 2011. Prof. Askar, V.P. Asia and delegates from Japan attended.

IGS-Indore Chapter: National Level Paper Presentation Competition GEOCONCEPT on 14th Oct. 2011.

Seminars/Workshops (2012):

IGS-Ahmadabad Chapter: One day National Seminar on Engineering for Ground Improvement and Rehabilitation of Old Structures on 10th March 2012.

IGS-Guntur Chapter: One day Workshop on Green Infrastructure Projects on 07th April 2012.

IGS-Hyderabad Chapter: First Young Geotech. Engineers Conference of the State on 31st March 2012.

IGS-Bhubaneswar Chapter: One day Seminar on Geotechnical Aspects of Infrastructure Projects on August 22, 2012.

IGS-Ludhiana Chapter: One day Seminar along with Opening of Chapter on 06 July 2012.

IGS-Shimla Chapter: One day Seminar on Critical State Soil Mechanics along with Opening of Chapter on May 30, 2012.

IGS Election 2012: Conducted Election for New Office Bearers of IGS for 2013-2014.

IGS-Kakinada Chapter: One day National Seminar on Soil Problems Related to Indian Terrain and Environment on 30th Sept. 2012.

IGS-Kochi Chapter: Lecture in memory of Mr. Praphulla Kumar on 22 Sept. 2012.

IGS-Visakhapatnam Chapter: One day Workshop on Significance of Rock Mechanics in Civil Engineering on 01-02 October 2012.

IGS-Ferroco Terzaghi Oration 2012: A prestigious Oration by Prof. Kerry Rowe, Queens University, Kingston, Canada on 05th October 2012.

7th AYGEC, Tokushima, Japan: One Young Geotechnical Engineer Dr. B.Manna participated.

IGS-Ludhiana Chapter: One day Workshop on Reinforced Soil and Geosynthetics Engineering on 16th Dec. 2012.

Indo-Korean Workshop: Conducted One day Joint Workshop in Association with IIT-Delhi and Korean Geotechnical Society on 12th Dec. 2012.

Annual National Conference Indian Geotechnical Conference, IGC-2012 hosted by IGS-Delhi Chapter in association with Indian Institute of Technology, Delhi from Dec. 13-15, 2012. Prof. Askar, V.P. Asia and delegates from Korea attended.

Seminars/Workshops (2013):

IGS-Bhubaneswar Chapter: One day Seminar on Relevance of Geotechnics in Construction Practices on 27th Jan. 2013.

IGS-Guntur Chapter: One day Workshop on Problems in Earthquake Prone Areas and Remedies on 23rd Feb. 2013.

IGS-Chennai Chapter: One day Seminar on Embankments: Design & Construction on 09 March 2013.

IGS-Ludhiana Chapter: Two day National Conference on Geotechnical and Environmental Aspects of Wastes and their Utilization on 15-16 Feb. 2013.

Name of ISSMGE TC Society hosted: TC 302 Forensic Geotech. Engg. (10-12 January, 2013 at Bangalore)---Chair:

Dr. V.V.S. Rao; Secretary: Prof. G.L. Sivakumar Babu; Prof. G.N. Gandhi, President, IGS attended; Prof. Askar Zhussupbekov, Vice President, Asia attended.

18th ICSMGE 2013, Paris, France (Sept. 02-05, 2013): IGS has submitted 13 full length papers for the proceedings of this Conference. A large number of delegates are expected to attend the Conference.

8.1 Periodical Journal:

The Indian Geotechnical Society publishes a quarterly Journal "Indian Geotechnical Journal". The current Volume No. is 43 of which one issue in January has been published. The Journal publishes papers both from Research and Field covering the whole spectrum of geotechnical engineering. The Journal is printed and published by M/s Springer. The Journal is accessible ONLINE to all IGS Members.

8.2 Quarterly Newsletter:

Indian Geotechnical Society also publishes a quarterly Newsletter "IGS NEWS" for the benefit of all its members. The Newsletter carries features and Chapters' Activities, Geotechnical Calendar, Special Technical Papers on Tsunami, Earthquake etc. for the benefit of its members. The Newsletter is featured on website of IGS (see Figure 4).



Figure 4. International Symposium on Forensic Geotechnical Engineering, Bangalore, India, 2013

9 JAPAN

9.1 International Conference, seminars:

- The 2nd International Symposium on Transportation Geotechnics, IS-Sapporo 2012, 10-12 September, 2012, Japan. 243 participants from 30 countries. 140 papers.
- International Symposium on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, 18-20 September, 2012. 232 participants, 165 are from 11 countries in Asia, 48 from 17 countries in Europe, 12 from 3 countries in North and South America, and 5 from Australasia. 108 papers.
- The 7th Asian Young Geotechnical Engineers Conference, 7AYGE, 12-14 September 2012, Tokushima, Japan. 65 participants (35 young participants)

9.2 Hosting ATC:

- **ATC1(new):** Geotechnical Mitigation and Adaptation to Climate Change-induced Geo-disasters in Asia -Pacific Regions Chair: Prof. Deness Bergado (Asian Institute of Technology)
- **ATC3:** Geotechnology for natural hazards. Chair: Prof. Ikuro Towhata (The University of Tokyo)
- **ATC10:** Urban geo-informatics Chair: Dr. Mamoru Mimura (Kyoto University)
- **ATC19:** Geo-engineering for conservation of heritage monuments and historical sites. Chair: Dr. Yoshinori Iwasaki (Geo-Research Institute)

9.3 National Conferences:

- 2010 National Geotechnical Conference, Matsuyama. 1,637 participants
- 2011 National Geotechnical Conference, Kobe. 1,742 participants
- 2012 National Geotechnical Conference, Hachinohe. 1,540 participants

9.4 The periodical journals (2009-2011):

Soils and Foundations (International Journal), 6 issues per year

1 Japanese Geotechnical Journal (National Journal, in Japanese, WEB only), 4 issues per year

2 Geotechnical Engineering Magazine (formerly "Tsuchi-to-Kiso", Journal of Japanese Geotechnical Society, in Japanese), 12 issues per year

MOU:

- JGS has MOU with **GI-ASCE**(2003), **CISMGE**: China (2006), **KGS**: Korea (2008), **IGS**: India (2011)
- Japan-**China** Geotechnical Symposium 2010 in Okinawa, Japan
- Japan-**US** Geotechnical Workshop 2011 at Kyoto, Japan
- Japan-**Korea** Geotechnical Workshop 2011 at Kobe, Japan
- **Indo**-Japan Geotechnical Workshop 2011 at Kochi, India
- **China**-Japan Geotechnical Symposium 2013 at Chengdu, China
- **Korea**-Japan Geotechnical Workshop 2013 September KGS (Korea) Fall Conference, Korea (see Figure 5).



Figure 5. International Symposium on Backwards Problem in Geotechnical Engineering and Monitoring of Geo-Construction, Osaka, Japan, 2011

10 KAZAKHSTAN

10.1 International Conference, seminars:

Kazakhstan Geotechnical Society is initiator of established at TC305 "Megacities and new capitals" and regarding of this case this society KGS organized per year 10 international geotechnical Workshops in Kazakhstan (Astana) with inviting geotechnical experts from leader societies of ISSMGE (to full number of seminars since 2009-2013 is 30).

- 1st Kazakhstan-Korean Joint Geotechnical Seminar, Astana, Kazakhstan, 21-22 July 2010
- KGS and KGS Workshop, Astana, Kazakhstan, 2010
- Kazakhstan-USA Joint Geotechnical Seminar, 1 July, 2011, Astana, Kazakhstan
- Kazakhstan-Taiwan Joint Geotechnical Seminar, 8 September, 2011, Astana, Kazakhstan
- 2nd Kazakhstan-Korean Joint Geotechnical Seminar, 20-23 August 2012, Incheon, Korea
- Kazakhstan-Singapore Joint Geotechnical Seminar, Astana, Kazakhstan, 10 April, 2013

- Kazakhstan-Estonia Joint Geotechnical Seminar, Astana, Kazakhstan, 18 April, 2013

10.2 MOU: KGS has MOU with Korean Geotechnical Society (2011), German Geotechnical Society, 2013 (centered, see Figure 6).



Figure 6. Eurasian Summit, Eurasian National University, Astana, Kazakhstan, 2012.

11 KOREA

11.1 International Conference, seminars:

1. The 5th Int. Symposium on Deformation Characteristics of Geomaterials, September 2011, Seoul, Korea. 350 participants
 2. Korea(KGS)-Russia(AIIS) Geotechnical Workshop, May 2012, Incheon, Korea. 60 participants
 3. Korea-Kazakhstan Joint Geotechnical Seminar, August 2012, Incheon, Korea, 60 participants
 4. International Joint Symposium on Urban Geotechnics for Sustainable Development, 2012, Seoul, Korea. 100 participants
- MOU: KGS has MOU with JGS (2008), CGES (2009), KGS (2009), ASCE (2009), VGS (2009), 2010 (PWRI, Japan), IGS(2011), AIIS(2012), TNC(2012)

11.2 Hosting ATC:

- ATC-7 Thick Deltaic Deposits (Chairman Nam-Jae Yoo, Prof., Kanwoon National University, Secretary: Prof. Yun-Tae Kim, Pukyong National University): Holding annual symposiums, workshops, seminars, shot courses; Special Session of ATC-7 during of 14th ARC (Hong Kong)
 - ATC 18: Chairman: Prof. Myoung-Mo Kim, Seoul National University, Secretary: Sang-Seom Jeong, Yonsei University: 4th Asian Workshop on ATC 18 (Mumbai, India, September 2010); 5th Asian Workshop on ATC 18 during of 14 ARC 2011, Hong Kong
- 1st KGS Award (2011 Spring KGS convention):

- Dr. Suzanne Lacasse (Norwegian Geotechnical Institute)
 - Prof. Sangchul Bang (South Dakota School of Mines and Technology)
- 2nd KGS Award (2012 Spring KGS convention):
- Prof. Nicholas Sitar (Civil and Environmental Engineering, University of Berkeley)
 - Prof. Chris Clayton (University of Southampton)
- 3rd KGS Award (2013 Spring KGS convention): Prof. Neil Taylor (City University London)

11.3 National Conferences, Seminars, Workshops:

- 2011 Spring Geotechnical Engineering Conference, Korea. 450 participants
- 2011 Fall Geotechnical Engineering Conference, Korea. 400 participants

- 2012 Spring Geotechnical Engineering Conference, Korea. 400 participants
- 2012 Fall Geotechnical Engineering Conference, Korea. 400 participants
- 2013 Spring Geotechnical Engineering Conference, Korea. 400 participants

11.4 The periodical journals (2011-2013):

- Journal of KGS (in Korean) – 12 times per year (110 papers published)
- International Journal of Geo-Engineering, 4 times per year (20 papers published)
- Korean Geotechnical Society Newsletter, 4 times per year
- Jiban (Geotechnical Engineering) in Korean, 12 times per year.

12 LEBANON

12.1 LGES Meetings /Elections:

- A total of 18 Regular Meetings in period from September 2011 to April 2013
- General Assembly 12/2/2013 – Elections were held to fill the four remaining seats on the LGES council. A new cabinet was elected as follows from amongst council members: Salah sadek, President; Muhsin Rahal, Vice President; Jean Pierre Seoud, General Secretary; Elie rafie, Treasury.

12.2 Seminars and Lectures:

- August 4, 2011 "Hydraulique des fouilles urbaines" given by Elie Rafie
- September 15, 2011 "Behavior of Large Mats under High Loads: Two case histories" given by the ISSMGE's President Professor J.L. BRIAUD.
- February 12, 2013 "Initiatives and proposals for regulating the Geotechnical Engineering profession" Mr. Paul El Hage, President 1st Branch Order of Engineers and Architects. Beirut.

12.3 Conference Participation:

- Participation in the ISSMGE Toronto Conference: Dr. Muhsin Rahal, Vice President LGES, 2012
- Participation in the Young Geotechnical Engineers Asia Conference 2012 Japan : Mr. Samer Hassan-LGES member
- Three Papers submitted and accepted to the upcoming ISSMGE Paris Congress
- Three young LGES members nominated/accepted to the young engineers conference, ISSMGE. Papers submitted.

13 NEPAL

13.1 National Conferences, Seminars, Workshops:

- 2009.08 Talk Program: Geotechnical Challenges in Road Sector of Nepal
- 2010.11 International Talk Program (Two Japanese Professors)
- 2012.05 NGS Disaster Seminar: Geotechnical Engineering in Natural Disasters
- 2012.11 One-day Seminar: Geotechnics and Geohazards

14 SOUTHEAST ASIAN GEOTECHNICAL SOCIETY

14.1 International Conferences, seminars, Simposia: During the period 2011 to 2013, the symposia and conferences in the member countries are:

1. AGSSEA, SEAGS & ISSMGE Touring Lectures and International Seminars Far Field Seismic Design, Unsaturated Soils & Soil Improvements on 31 July, 1 & 2 August 2011 in Petaling Jaya, Selangor Darul Ehsan, Malaysia.
2. The Third International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation 2011 (GEDMAR 2011), 17 – 20 May 2011, Semarang, Indonesia.

3. New Challenges in Geotechnical Engineering, 4 August 2011, Cambodia.
 4. Geotechnical Engineering for Geo-Disasters and Climate Change, 8 August 2011, Laos, PDR.
 5. Geotechnical Engineering for Landslides, Deep Foundations and Urban Tunneling, 10 August 2011, Yangon, Myanmar.
 6. Sustainable Mitigation of Geo-Disasters due to Climate Change and Remedial of Earth Reinforced Wall Using Combination, 12 August 2011, De La Salle University, Manila, Philippines.
 7. Recent Developments of Deep Cement Mixing (DCM) Method and Remedial of Earth Reinforced Wall Using Combination Method on 12 August 2011 in Mapua Institute of Technology, Manila, Philippines.
 8. Sustainable Mitigation of Geo-Disasters Due to Climate Change and Remedial of Earth Reinforced Wall Using Combination Method on 12 August 2011 in De La Salle University, Manila, Philippines.
 9. World Tunnel Congress 2012 (WTC2012) and 38th General Assembly of ITA-AITES, 18 – 23 May 2012, Bangkok, Thailand.
 10. Retirement International Symposium for Professor Dennes Bergado on "Sustainable Geosynthetics and Green Technology for Climate Change", 20 & 21 June 2012, Thailand.
 11. Seminar on Earthquake and Geotechnical Engineering, 10 – 16 November 2012, Philippines.
 12. Dam Design, Construction, Safety Evaluation & Associated Problems, 7-22 November 2012.
 13. Fifth Asian Regional Conference on Geosynthetics 2012 (Geosynthetics 2012, Asia 2012) 10 to 14 December 2012, Bangkok, Thailand.
 14. 1-Day Soil and Foundation International Seminar, 21 February 2013, Bangkok, Thailand.
 15. Visits and Touring Lectures – The 2-day seminar, the National University of Civil Engineering (NUCE) in Hanoi on 18th and 19th February 2013, Hanoi, Vietnam.
- Participation in international society affairs
The Society has three distinct groups: Engineering Geology, Soil Engineering, and Rock Mechanics. These groups are affiliated with the International Association of Engineering Geology (IAEG), the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), and the International Society for Rock Mechanics (ISRM), respectively. The following major activities are as follows:
The 18th Southeast Asian Geotechnical and Inaugural AGSSEA Conference will be held in Singapore on 29 – 31 May 2013.

14.2 Society journal and newsletters:

Three issues of the Geotechnical Engineering Journals of the SEAGS are published annually. For the current year 2013 Volume 44, No. 1 to No. 4 will be published. Two SEAGS Newsletters are distributed annually in February and August. The Journals and SEAGS Newsletters are circulated to the members of SEAGS free of charge. Dr. Noppadol Phienweij of the Asian Institute of Technology and Dr. Ooi Tiek Aun, IEM, Malaysia are the current Editor of the Journal. The SEAGS Newsletter is edited and published by Dr. Ooi Tiek Aun and IEM Team from Malaysia, the SEAGS Secretary-General.

14.3 Membership status:

The Society Membership Status in the member countries is of great concern. The recent economic situation has had an adverse effect on the membership status. The collection of membership fees was extremely difficult. SEAGS made every effort to promote Soil Engineering in the region and beyond through membership drive and professional activities.

Moreover, several member countries have now formed their own national societies and joined ISSMGE such as Hong Kong, Singapore, and Thailand. There is a current campaign to recruit members from other member countries in ASEAN such as Cambodia, Laos, and Myanmar. Touring Lectures among these countries were done by Prof. Jean-Louis Briaud, ISSMGE President and Prof. Dennes T. Bergado, Secretary-General of SEAGS. The Touring Lectures were held from 18-21 February 2013.

15 SRI LANKA

15.1 Geotechnical Forums:

To keep its members and the interested public informed of latest developments in geotechnical engineering, SLGS in January 2005 had formalized a monthly interactive event of 1½ hr duration, referred to as the “Geotechnical Forum”.

- Geotechnical Forum on “Slope Instability and Early Warning Systems”, 12th December 2011. The lecture was delivered by a world renowned personality in the field, Prof. Ikou Towhata of the University of Tokyo.
- Geotechnical Forum on “Landslides, Why is it still so difficult to Predict?” 26th November 2012. The lecture was delivered by Dr. Gamini Jayathissa, Scientist, Landslide Studies and Services Division, National Building Research Organization, Sri Lanka.
- Geotechnical Forum on “Use of Limit State Design in Foundation Engineering”, 14th March 2013. The lecture was delivered by Prof. Ashok Peris, Dean/Faculty of Engineering, Sri Lanka Institute of Information Technology.

15.2 SLGS Annual Conference:

The Sri Lankan Geotechnical Society organised and successfully held its annual conference at Wimalasurendra Auditorium of Institution of Engineers, Sri Lanka on 29th September 2012 preceding the last General Meeting. Three presentations on contemporary topics were made as follows:

- a) Stabilization of Highway Cut Slopes – *Prof. S A S Kulathilaka, Department of Civil Engineering, University of Moratuwa*
- b) Analysis of the settlement monitoring data to assess the long term performance of the soft soil deposits subjected to surcharging – *Prof. Saman Thilakasiri, Department of Civil Engineering, University of Moratuwa*
- c) Ground Improvement for Road Projects-Australian Experience – *Dr Jayantha Ameratunga, Senior Principal Coffey Geotechnics, Australia*

15.3 SLGS Newsletters:

The Newsletter of SLGS has been published in a new format since July 2005. The following issues of the Newsletter were published during the above period.

- SLGS Newsletter, November 2012 Issue
- SLGS Newsletter, February 2013 Issue

15.4 SLGS Geotechnical Journal:

- SLGS Geotechnical Journal, Volume 5: Number 1 issue of the SLGS Geotechnical Journal in August 2012. The issue includes four articles of which the first one is on the development of high capacity torsional shear apparatus for the measurement of small strain deformation properties of soils. The second and third articles related to rain-triggered landslides while the last one establishes empirical correlations for Sri Lankan peaty soils.

Geotechnical Seminar

Seminar on Geotechnical Finite Element Analysis using Plaxis Programs, 22nd February 2013 by Dr. William Cheang who is currently a Principal Geotechnical Consultant in Plaxis AsiaPac. Pte. Ltd.

15.5 SLGS Project Day:

The Society organises this event comprising of commendable undergraduate projects in Geotechnical Engineering in Sri Lankan Universities. This is an annual event of SLGS and is organised with the objective of promoting research among undergraduates and young engineers. They are required to submit a four page paper and to make a 20 minutes presentation. The best project is presented with an award.

- 27th September, 2012. Six young presenters

15.6 Young Geotechnical Engineers' Conference:

This event is specifically intended for young practicing engineers involved in the field of geotechnical engineering encouraging them to share their experience in problem solving.

- The first event of this kind took place on 02nd April 2013. The proceedings included 8 papers from Young Geotechnical Engineers

15.7 18th ICSMGE and Representation of SLGS:

The 18th International Conference on Soil Mechanics and Geotechnical Engineering organized by the International Society for Soil Mechanics and Geotechnical Engineering is scheduled to be held during 2-6 September 2013 in Paris, France. SLGS submitted three abstracts which were eventually reviewed and accepted. Full papers have also been submitted accordingly.

16 SINGAPORE

International Geotechnical Seminar with BCAA and support from ISSMGE

Recent Developments, Construction Challenges and Forensic Investigation of Geotechnical Works, 24th & 25th October 2012

Jack-in Piling – Environmental Friendly Piling System by CSC Holding, 7th Nov 2012. 52nd Rankine Lecture by Prof Malcolm Bolton, 4th December 2012. 5th AGM, 4th December 2012. GeoSS 2012 Awards: Outstanding Geotechnical Engineers and Outstanding Geotechnical Entrepreneurs, 4th December 2012

GeoSS – BCA Industry Learning Trip to Taiwan 17th -20th March 2013 and networking with Taiwan Geotechnical Society

17 SYRIA

- Organization and participation national meeting related with Reconstruction of old foundation of historical monuments. Damascus, 2011.

- 21-22/11/2011 attendance and participation of the 51th Science Week at Damascus University, Damascus, 2011.

- Attendance and participation of the Sixth Conference of water management, energy and waste. (Investment in sustainable energy and water), in Paradise Tower Hotel, Damascus. March, 2012.

- Organization and participation of symposium “engineering tests reality and prospects”. At Engineers Syndicate, Damascus. May, 2012.

- Organization and participation national workshop related with Earthquake Geotechnical engineering, Higher Institute for Earthquake Researches and Studies (HIERS) Damascus University, May, 2012.

18 TAJIKISTAN

18.1 International conference, symposiums:

- 14th Asian Regional Conference on soil Mechanics and Geotechnical Engineering. Hong Kong, China, 2011.

- All-Russian scientific and technical conference «numerical methods in geotechnical engineering, SPBGASU, 2011..
- IV Central Asian Geotechnical Symposium "Geo-Engineering for Construction and Conservation of Cultural Heritage and Historical Sites (Challenges and Solution)" – Samarkand, Uzbekistan, 21-23 September. 2012.
- The annual scientific Conference of the Faculty and staff of the Tajik Technical University (Geotechnical section). – Dushanbe, Tajikistan, 2011-2013 biennium.

19 VIETNAM

19.1 International Conferences, seminars, courses:

- 1st International conference on Geotechnics for Sustainable Development Geotec Hanoi 2011, 6-7 October, 2011, Hanoi, Vietnam. 450 participants from 25 countries.
- Short course on Tunneling in Soft Soil, given by Prof. Alain Guilloux and Prof. Pierre Duffaut (France) in Hanoi 10 October, in Da Nang 12 October and in Ho Chi Minh City 13 October 2011.
- Vietnamese Geotechnical Day 16 May 2012 in Hanoi, 22 May 2012 in Da nang City, and 25 May 2012 in Ho Chi Minh City.
- Seminar Geotechnical Engineering for Green Development GEGD2013, 18-19 January 2013, Hanoi (Lecturing tour by Prof. Jaen-Louis Briaud, ISSMGE President).

19.2 The periodical journals (2011-2013):

Vietnamese Geotechnical Journal (VGJ) releases four issues per year. During 2 October 2011 till 15 April 2013, the following issues have been published:

- VGJ issue December 2011
- VGJ issue March 2012
- VGJ issue June 2012
- VGJ issue September 2012
- VGJ issue December 2012

(see Figure 7).



Figure 7. The 1st International Conference on Foundation and Soft Ground Engineering Challenges in Mekong Delta

20 CONCLUSION

1. Asian Technical Committees are more concentrated in JGS (Japan), KGS (Korea) and KGS (Kazakhstan). There must be also other Asian technical committees to open door in other Asian regions with focusing on local geotechnical specifics and challenges.
2. Kyrgyzstan, Tajikistan and Uzbekistan are newly joined members and probably need to establish international geotechnical seminars such as Touring Lectures.

3. Board of ISSMGE and also Asian Council Members must systematically work for opening of new Asian geotechnical societies (Mongolia, Turkmenistan, Afghanistan, UAE, Saudi Arabia, Kuwait, Qatar, Bahrain, Philippines, Cambodia, Jordan and other countries in Asian Region).
4. Asian Technical Committees must be prepare their term of references for including to website of ISSMGE
5. Asian Geotechnical Societies must be also increasing members of CAes and Foundation Donors of ISSMGE for supporting of young geotechnical generation for attending international and regional geotechnical conferences.
6. Important issues in present: to establish an Asian Emergency Task Force Teams to study natural geohazards including earthquakes, tsunami and landslides, and to make recommendations for mitigating these hazards; to develop more interactions between practice and academic partners / sectors within the member societies and also to connect to international organizations including UNESCO, ISO and UN.

21 ACKNOWLEDGEMENTS

I want express deep thanks for each Presidents and General Secretaries of Asian Geotechnical Societies for their great efforts of development activity of Asian Region of ISSMGE. I would like say special thanks for ISSMGE Board (2009-2013): Prof. Neil Taylor, Prof. Pedro Simão Sêco e Pinto, Prof. Samuel Uche Ejezie, Prof. Michael C.R. Davies, Prof. Ivan Vaniček, Prof. Gabriel Auvinet, Prof. Roberto Terzariol, Prof. Roger Frank, Prof. Charles Ng, Prof. Ikuo Towhata for work together 4 years under and with our President of ISSMGE Prof. Jean-Louis Briaud (2009-2013), who maked great revolution in structure of ISSMGE.

I want also express of my appreciations to my secretariat in Eurasian National University, Astana, Kazakhstan: Dr. Assel Tulebekova, Ms. Bibigul Abdrakhmanova, who help me at during time of my duty as VP for Asia.

REPORT FROM THE VICE-PRESIDENT OF ISSMGE FOR AUSTRALASIA

Rapport du vice-président de SIMSG pour l'Australasie

M.C.R. Davies

ISSMGE Vice-President for Australasia

ABSTRACT: This report contains a summary of the highlights of the activities of the ISSMGE Member Societies in Australasia – the Australian Geomechanics Society (AGS) and the New Zealand Geotechnical Society (NZGS) - for the period since the last Council meeting in Toronto in October 2011.

RÉSUMÉ : Ce rapport contient un résumé des points saillants des activités des SIMSG Sociétés Membres en Australasie – l'Australian Geomechanics Society (AGS) et la New Zealand Geotechnical Society (NZGS) - pour la période depuis la dernière réunion du Conseil à Toronto en octobre 2011.

KEYWORDS: Regional report, Australasia.

1 MEMBER SOCIETIES

Australasia is the smallest ISSMGE region in terms of the number of Member Societies. However, in terms of its membership – which at 1590 in 2013 represents some 8% of the ISSMGE membership - Australasia ranks 4th out of the 6 ISSMGE regions. Australia and New Zealand are not highly populated countries and the current membership of the region represents 89 ISSMGE members per million of the population (46 for Australia and 132 for New Zealand), Figure 1. This compares to an overall average of 11 ISSMGE members per million of the population for the Society as a whole. These statistics reflect not only the high level of interest in the ISSMGE by engineers in the region but also the level of geotechnical engineering activity taking place.



Figure 1. ISSMGE Members per 10⁶ of the population. (After data presented by Professor Roberto Terzariol, Vice President for South America, in ISSMGE Bulletin, Volume 5, Issue 2, April 2011)

To some extent the importance of geotechnical engineering in both Australia and New Zealand is for similar reasons but there are specific national conditions that prevail. For example, in both countries there is a requirement to deal with natural hazards that have large scale detrimental effects on society. However, whilst slope stability presents geotechnical challenges

to engineers on both sides of the Tasman Sea – which separates the two countries – New Zealand is located at the boundary of the Australian and Pacific tectonic plates and has, therefore, a much higher risk of major earthquake hazards than Australia, which is not located on any major tectonic plate boundaries. Australia has an extensive mining industry that requires the expertise of geotechnical engineers. This industry is contributing to a relatively strong economy in Australia and the growth in its population. This, in turn, has resulted in major opportunities for infrastructure development. There is a demand in both countries, therefore, for practitioners with a wide range of expertise across the range of geotechnical engineering; including engineering geology, rock mechanics and soil mechanics. It is not surprising, therefore, that both the AGS and the NZGS are the national societies for the IAEG and the ISRM as well as the ISSMGE. Although in both cases ISSMGE members represent the largest group.

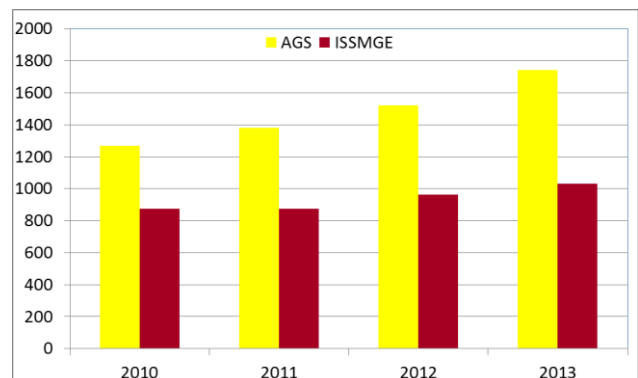


Figure 2. Australian Geomechanics Society - membership

Since the beginning of the current ISSMGE presidency in 2009 the membership of both the AGS and the NZGS as grow significantly. The AGS is the largest Technical Society within Engineers Australia and its membership currently stands at

1,743 (1,276 in 2009); of these members 1,033 (800 in 2009) are affiliated to ISSMGE, Figure 2. This represents a growth of 29% in ISSMGE membership since 2009. The NZGS now has a membership of 982 (731 in 2009) of whom 575 (421 in 2009) are ISSMGE members, Figure 3. The increase in ISSMGE membership being 37% over the period 2009-2013.

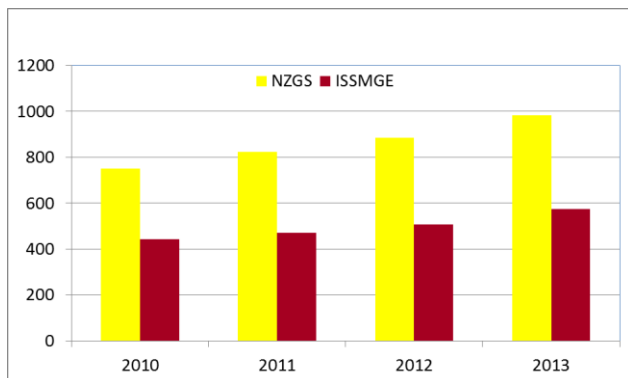


Figure 3. New Zealand Geotechnical Society - membership

In October 2011 Sam MacKenzie was elected as AGS National Chair and Darren Paul as Vice Chair & Treasurer. Since 2009 Professor Mark Jaksa has served on the National Committee as AGS Liaison Officer for the ISSMGE and he will be succeeding me as ISSMGE Vice-President for Australasia. In 2011 David Burns became Chair of the NZGS Management Committee with Gavin Alexander as Vice-Chair & Treasure. In 2012 Gavin Alexander succeeded as the Chair with Charlie Price becoming the Vice-Chair & Treasurer.

ISSMGE members from the region serve on many of the ISSMGE Technical Committees and the ANZ hosts two TCs, viz. Physical Modelling (TC104) and Geo Education (TC306). These two TCs are chaired by Professor Christophe Gaudin and Professor Mark Jaksa, respectively. Members of AGS also serve as officers of TCs, i.e. Professor David White (Secretary of TC104) and Professor Mark Randolph (Vice Chair of TC209). Dr Elisabeth Bowman of the NZGS is the Secretary of TC208 (Slope Stability).

2 ACTIVITIES

The Australian Geomechanics Society and the New Zealand Geotechnical Society are both highly vibrant member societies of the ISSMGE. Because of the geographical spread of their membership both societies organise their activities through Chapters (AGS) or Branches (NZGS). In addition to regular technical meetings both societies have a very active programmes of special events, as can be seen in the appendices to this report. These include Young Geotechnical Professional activities, specialist seminars and lectures from distinguished speakers. In addition, both societies have a number of prizes and awards to recognise the achievements of their members.

Australian Geomechanics is the “official” journal of the AGS, which is published quarterly, in March, June, September and December, by the Institution of Engineers Australia. It is edited and produced by the Australian Geomechanics Society and is distributed to all members of the AGS. Over the last few years *Australian Geomechanics* has published special issues concentrating on the geotechnics in regions of the country together with a special issue (in June 2011) on Landslide risk management (see Appendix A). The New Zealand Geotechnical Society publishes a biannual bulletin, *Geomechanics News*, for its members in June and December of each year. Each issue of the bulletin publishes special features (see Appendix B) most

notable of these in the period of this report is the June 2011 issue, which contained a series of articles about the February 2011 Christchurch earthquake sequence.

In addition to the regular publications produced by AGS and NZGS both societies also publish technical guides. Whilst the NZGS has been involved in developing geotechnical earthquake engineering advice for many years the Christchurch earthquake sequence has increased the requirement for this and the NZGS has responded by accelerating the process of preparing a series of Modules for its Seismic Design Guidelines series.

The member societies in the Australasia region have continued during the last presidential period to organise and sponsor a significant number of seminars, symposia and conferences. These are detailed in the appendices. Most notable of these was the ISSMGE Australasia regional conference, ANZ 2012, held in Melbourne during July 2012. This conference, which attracted 558 delegates from around the world, was universally acclaimed as a great success both from its technical content and the standard of organisation. This demonstrated that the AGS was not only capable of organising a world class conference but it could also attract delegates to it from around the globe.

There are a number of major ISSMGE conferences being planned to be held in the region in the next few years. The 5th International Conference on Earthquake Geotechnical Engineering (TC203) to be held in Christchurch, New Zealand in 2015. Four ISSMGE conferences will be taking place in Australia: 8th International Conference on Physical Modelling in Geotechnics (TC104), Perth 2014; 7th International Congress on Environmental Geotechnics (TC215), Melbourne 2014; 6th International Conference on Unsaturated Soils (TC106), Brisbane 2014; 5th International Conference on In-situ Testing and Geophysical Characterisation (TC102), Brisbane 2016.

Having demonstrated its ability to host a major international conference the AGS formed a committee, headed by former AGS Chair Graham Scholey, which prepared a very strong bid to host the 19th Conference of the International Society for Soil Mechanics and Geotechnical Engineering (ICSMGE) in Sydney during September 2017, Figure 4. Despite the strong support for the ISSMGE in Australia and New Zealand the ICSMGE has not been held in the Australasia region in the history of the Society. In the hope of redressing this anomaly the AGS bid for the 19th ICSMGE was supported strongly by the NZGS. However, in the vote taken at the Paris council meeting the AGS bid lost out to the proposal from South Korea and the 19th ICSMGE is to be held in Seoul in 2017. Although very disappointed by the result of the vote, the AGS has indicated that it wishes to bid to host the 20th ICSMGE.



Figure 4. Logo for AGS bid to host the 19th ICSMGE

As will be seen from this report, although the ISSMGE Australasia region has only two member societies, the high quality of research and practice in geotechnical engineering in the region together with the energy of the membership and management committees of the AGS and the NZGS result in the region being highly active. It is, therefore, exceptionally pleasing that one of the two societies, the NZGS, has been

recognised by the ISSMGE for its vitality by being selected for the inaugural Award for the Outstanding Member Society.

From a personal perspective, it has been a privilege to serve as the Vice-President of the ISSMGE for Australasia and to represent such an active region on the Board of the ISSMGE. I have enjoyed working with both the AGS and NZGS, which are exemplary in their activities for their members as well as for the profession and society as a whole. I am confident that both Australasian ISSMGE Member Societies will continue to be highly active and successful.

3 APPENDIX A - AUSTRALIAN GEOMECHANICS SOCIETY (AGS)

This appendix contains a summary of the highlights of the activities of the Australian Geomechanics Society (AGS).

Membership statistics

	2009	2010	2011	2012	2013
AGS	1,275	1,368	1,484	1,790	1,743
ISSMGE	800	873	873	963	1,033

Young Geotechnical Professional Activities

- 9th ANZ Young Geotechnical Professionals Conference, 11 to 14 July 2012, Melbourne (organised jointly by ANZ and NZGS)

Publications

Australian Geomechanics - published 4 times per year (editor: Patrick MacGregor). Special issues were:

- Victorian Geotechnics – March 2010
- Tasmanian and South Australian Geomechanics – September 2010
- West Australian Geomechanics – December 2010
- Landslide Risk Management – June 2011
- Illawarra Geotechnics – March 2012
- Sydney Geotechnics – September 2012
- Queensland Geotechnics – March 2013
- Western Australia Geotechnics – June 2013
- Offshore Geotechnics – December 2013

Technical reports/ professional advice

- Details of reports produced or planned. Dissemination of information via web or other means (e.g. workshops):
- Illustrative Sections Depicting Landslide Susceptibility of the Illawarra Escarpment (2012) – on AGS web page.
- Landslide Risk Management – “Risky Roadshow” seminars delivered in 2011 around Australia.
- Landslide Risk Management – Education Empowerment Website delivered in 2011.
- Landslide Risk Management - Australian GeoGuides – Education Empowerment Website
- Review of Australian Standard AS1726 Geotechnical Site Investigations - AGS have applied to Standards Australia to commence revision of this important standard. A draft has been prepared by AGS and we await a response from Standards Australia on the projects acceptance. The process is likely to take two years.
- AGS have been lobbying the NSW government regarding the licensing of ‘test bores’ in order to gain clarification for its members on when a groundwater well needs to be licensed. The issue is primarily about protection of groundwater resources and the distinction between a groundwater extraction well and a geotechnical standpipe for groundwater monitoring.
- AGS are making a push to raise the awareness of AGS with similar organisations in Australia such as: Australian Institute of Geoscientists, AusIMM, Eastern Australia Ground Control Group, Ground Control Group (WA).
- AGS are commencing a project on documenting its history.
- AGS are exploring the issues associated with formulating an AGS education and training policy.

Conferences organised by AGS as the main organising organisation (held since 2011)

- ANZ 2012 – Ground Engineering in a Changing World, 15 to 18 July 2012, Melbourne
- [the ISSMGE regional conference – this attracted 588 delegates]
- 9th ANZ Young Geotechnical Professionals Conference, 11 to 14 July 2012, Melbourne (organised jointly by ANZ and NZGS)

Seminars organised (held since 2011)

- Landslide Risk Management Roadshow, March-June 2011, Various locations in Australia
- Various technical talks and seminars - about 6 to 10 talks a year in each of the 7 chapter locations
- Sydney Symposium – Recent Advances and Past Experiences, 13 November 2013 (in Conjunction with Engineers Australia Structural College)
- Brisbane Symposium – Geotechnical Challenges and Lessons Learned, 3 October 2013
- Engineering Geology of Western Australia, 9 November 2012, Perth

Conferences co-sponsored (held since 2011)

- International Conference on Ground Improvement and Ground Control: Transport Infrastructure Development and Natural Hazards Mitigation, 30 Oct to 2 November 2012, Wollongong [Co-sponsors: University of Wollongong, ISSMGE (TC202, TC211, TC303), igs, Geo-Institute]

International and other distinguished speakers (since 2011)

Name	Date of visit	Title of talk or seminar	Comments
Professor Tom O'Rourke	Oct 2011	Geohazards and Large Geographically Distributed Systems	2009 Rankine Lecture
Dr Robert Holtz	February 2012	Reinforced Soil Technology: From Experimental to the Familiar	2010 Terzaghi lecture
Dr Nick O'Riordan	July 2012	Sustainable Resilient Ground Engineering	
Professor Brian Simpson	October & November 2012	Geotechnical design with reference to Eurocode EC7	
Professor Scott Sloan	2012	Geotechnical Stability Analysis	51st Rankine Lecture
Professor Malcolm Bolton	September & October 2013	Performance-based design in geotechnical engineering	52nd Rankine Lecture
Professor Paul Mayne	June 2013	Geocharacterization in the Year 2013 and Beyond	
Professor Ian Johnson	November 2013	Geotechnical Education	John Jaeger lecture

Conferences and seminars being planned in next few years (with AGS as main or co-sponsor)

Title	Date(s) and location of conference or seminar	Name of organising organisation and other co-sponsor (if any)
19th ICSMGE	2017 Sydney	ISSMGE [Bid made at Paris Council meeting but not successful]
5th International Conference on Problematic Soils	4-6 December 2013 Melbourne	International Association of Engineering Geologists (Commission 18, Collapsible Soils), RMIT
8th International Conference on Physical Modelling in Geotechnics	January 2014 Perth	ISSMGE (TC104)
7th International Congress on Environmental Geotechnics	9-14 November 2014 Melbourne	ISSMGE (TC215)
6th International Conference on Unsaturated Soils (UNSAT 2014)	July 2014 Brisbane	ISSMGE (TC106)
10th ANZ Young Geotechnical Professionals Conference	2014 Brisbane	NZGS
5th International Conference on In-situ Testing and Geophysical Characterisation	2016 Brisbane	ISSMGE Technical Committee TC102

Training courses etc.

Title of course	Date(s) and location	Name of organising organisation and other co-sponsor (if any)
AGS Geology for Engineers Course	Bi-Annual course since 2008 Adelaide	Delivered by Dr Fred Baynes, Baynes Geologic, Mark Eggers, Pells Sullivan Meynink and Dr Phil Flentje, University of Wollongong Faculty of Engineering for the AGS as a CPD Course.
AGS Engineering Geology Course	22-30 September 2012 Wollongong	Delivered by Dr Fred Baynes, Baynes Geologic, Mark Eggers, Pells Sullivan Meynink and Dr Phil Flentje, University of Wollongong Faculty of Engineering for the AGS as a CPD Course.
Soil & Rock Logging Course – AS1726 Geotechnical Site Investigations	August 2012 Melbourne August 2013 Adelaide	Delivered by Dr Fred Baynes, Baynes Geologic, for the AGS as a CPD Course.

Prizes and awards (National only)

Award	Year of award	Winner
EH Davis Memorial Lecture (biennial)	2011	Dr Mark Cassidy
Geotechnical Practitioner of the Year Award (biennial)	2012	Gary Chapman
D.H. Trollope Medal	2012	Dr Cholachat Rujikiatkamjorn <i>Design procedure for vertical drains considering a linear variation of lateral permeability within the smear zone</i>
John Jaeger Memorial Award	2012	Professor Ian Johnston
AGS – Don Douglas Youth Fellowship	2012	David Lacey
The Australian Geomechanics Award	2011	Dr W.S. Kaggwa and Dr Y.L. Kuo. <i>Probabilistic Techniques in Geotechnical Modelling – Which One Should You Use?</i> AG Vol 46 28 No 3 September 2011
	2012	Peter C Stone - <i>Landslide impacts on the South Coast Railway During the 1988-90 El Nino Event</i>
Engineers Australia Sir John Holland Civil Engineer of the Year	2011	Andrew Leventhal

4 APPENDIX B - NEW ZEALAND GEOTECHNICAL SOCIETY (NZGS)

This appendix contains a summary of the highlights of the activities of the New Zealand Geotechnical Society (NZGS).

Membership statistics

	2009	2010	2011	2012	2013
NZGS	731	756	759	884	982
ISSMGE	421	440	443	506	575

Young Geotechnical Professional Activities

- 9th ANZ Young Geotechnical Professionals Conference, 11 to 14 July 2012, Melbourne (organised jointly by ANZ and NZGS)
- 2011 NZGS Student Awards, 20 October 2011, Auckland
- 2012 NZGS Student Awards Poster Competition, 27 November 2012, Auckland (main) / Hamilton (video streamed) / Christchurch (video streamed)

Publications

- NZ Geomechanics News** – published 2 times per year (editors Hamish Maclean and Camilla Gibbons)
- Featured articles:
 - June 2011 Issue – Special feature with articles on Christchurch earthquake of February 2011
 - December 2011 – Geology of the Auckland Urban Area – Revisiting Kermode (1992) and the Manukau Fault
 - June 2012 – Special feature containing past articles of Life Members of NZGS
 - December 2012 – Geotechnical Engineering and Hydrogeology- Driving the Victoria Park Tunnel Project
 - June 2013 – Includes a Technical Article on the ‘Liquefaction Severity Number,’ a new Christchurch specific liquefaction damage index based on correlations with extensive damage observations and geotechnical investigations

Technical reports/ professional advice

Details of reports produced or planned. Dissemination of information via web or other means (e.g. workshops): • Video presentations from branch meetings on website at http://www.nzgs.org/about/presentations.htm • Fact Sheets: Why Buildings Respond Differently to Earthquakes; Canterbury (Lyttelton) Earthquake • Geotechnical Engineering Practice – Module 1 – Guideline for the identification, assessment and mitigation of liquefaction hazards, published July 2010 and freely available from our website. • Electronic transfer of geotechnical and geoenvironmental data (AGS4 NZ v1.0) developed and released 2012 • NZGS Seismic Design Guidelines: “Geotechnical Earthquake Engineering Practice” • Module 1: Identification, assessment and mitigation of liquefaction hazards - review underway in light of recent seismic events, release planned for Q3 2013 • Module 2: Foundations – draft being circulated for comment, release planned for Q3 2013 • Module 3: Retaining Walls – under development • Workshops are planned for August 2013 in several centres to launch Modules 1 and 2. • N.B. Christchurch earthquakes have dominated the geotechnical engineering community since 2010 • Formal submission to the Canterbury Earthquakes Royal Commission (CERC) on geotechnical matters around formal guidance following the Christchurch earthquake sequence. • Formal submission to the Ministry of Business, Innovation and Employment (MBIE) on the Earthquake Prone Buildings policy following the Christchurch earthquake sequence. • Contribution to the Engineering Reference Group established by MBIE to provide a governance role in relation to government’s response to the CERC recommendations. • Contributing to the NZSEE Building Assessment Guidelines Review (there is an NZGS representative on the study group)
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Conferences organised by NZGS (held since 2011)

• 9th ANZ Young Geotechnical Professionals Conference, 11 to 14 July 2012, Melbourne (organised jointly by ANZ and NZGS)
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Seminars organised (held since 2011)

• Quantitative Risk Assessment in Geotechnical Engineering – Professor D.V. Griffiths -3 July 2013 • Short Course on In Situ Testing: Use and application of the CPT for Geotechnical Engineering Practice - Prof Peter Robertson - August 2012 • Short Course on In Situ Testing: CPT (Cone Penetration Test) DMT (Flat Dilatometer Test) and Tee-bar - Ernst Wassenaar and Diego Marchetti - July and August 2012 • Seismic stability of deep excavations in dense urban - Professor Nick O’Riordan - July 2012
--

Training courses etc.

Title of course	Date(s) and location	Name of organising organisation and other co-sponsor (if any)	Comments
Field Mapping Course	April 2012 Auckland	University of Auckland	Delivered by Dr Warwick Prebble and Paul Salter
Ground Behaviour	December 2010 Auckland	University of Auckland	Delivered by Professor John Atkinson

International and other distinguished speakers (since 2011)

Name	Date of visit	Title of talk or seminar	Comments
Professor Scott W Sloan	April 2013	Geotechnical Stability Analysis	Institution of Civil Engineers (UK) and NZGS Presentation of the 51st BGA Rankine Lecture
Professor Michael Davies	November 2012	Plant Root Reinforcement of Slopes	
Dr Brian Simpson	November 2012	Numerical Analysis in Geotechnical Design – don’t forget the soil mechanics!	
Professor Jonathan D. Bray	October 2012	Building Near Faults	
Professor Nick O’Riordan	July 2012	Seismic stability of deep excavations in dense urban areas	
Professor Jean-Louis Briaud	July 2012	Unsaturated Soil Behaviour for the Practicing Engineer	
Dr Gopal Madabhushi	April 2011	Seismic Design of Pile Foundations	

Conferences and seminars being planned in next few years (with NZGS as main or co-sponsor)

Title	Date(s) of conference or seminar	Name of organising organisation and other co-sponsor (if any)
19 th New Zealand Geotechnical Society Symposium Hanging by a thread? Lifelines, Infrastructure and Natural disasters	20-23 November 2013 Queenstown	
10 th ANZ Young Geotechnical Professionals Conference	2014 Brisbane, Australia	AGS
ANZ 2015 - The Changing Face of the Earth: Geo-Processes & Human Accelerations	2015 Wellington	AGS [the 12 th ISSMGE regional conference for Australasia]
6 th International Conference on Earthquake Geotechnical Engineering	13-16 September 2015 Christchurch	ISSMGE (TC203)

Prizes and awards (National only)

Award	Year of award	Winner
Young Geotechnical Professionals Conference Awards	2012	Catherine Tatarniuk, Andy Hope, Frances Neeson, Luke Storie, Erica Cammack, Karly Shields, Leon Gerrard, Richard Heritage, Jason Anderson, Jason Kelly
New Zealand Geotechnical Society Scholarship	2011	Mohammad Jawad Arefi
New Zealand Geotechnical Society Geomechanics Lecture	2011	Dr David Bell, Geo-Logic and the art of Geotechnical Practice
New Zealand Geotechnical Society Young Geotechnical Professionals Fellowship	2012	Richard Heritage/Andrew Holland
New Zealand Geotechnical Society Student Awards	2012	• Xiaoyang Qi [Co-author: Wai Man Cheung] - A numerical and experimental study of SSI using a lamina box on a shake table, University of Auckland. • Julian Lees [Co-author: Rowan Ballagh] - CPT Analysis of Liquefaction and Re-liquefaction, University of Auckland. • Michael Cunningham - Geotechnical changes inherent in the breakdown in structure of sensitive rhyolitic soils in the Tauranga/Bay of Plenty region, University of Waikato.
	2011	• Saskia de Vilder - An Engineering Geological Investigation of the Tutira Landslide Dam, Hawke's Bay, New Zealand, University of Auckland. • Sam Harris - A Site Specific Warning System for Rainfall Induced Landslides, University of Auckland.

Report from the Vice-President of ISSMGE for Europe

I. Vaníček

Czech Technical University in Prague, Faculty of Civil Eng.

1 INTRODUCTION.

This report contains a summary of the highlights of the activities in Europe for the period since the Council Meeting in Alexandria, in October 2009, after the election of new ISSMGE Board for the tenure 2009 – 2013.

My advantage during this tenure was the fact that two last vice-presidents for Europe Prof. P. Seco E. Pinto and Prof. Roger Frank were also members of ISSMGE Board so I had chance to discuss some problems directly with them.

2 EUROPEAN SOCIETIES – CONTACTS AND FEEDBACKS

During my tenure I had chance to speak nearly with all representatives of individual countries to be informed about their activities, about manners how they are leading society on the national level. I collected from them many different comments and recommendations with respect to the society activities and improvements. Some of these meetings can be mentioned, as:

- Meeting of the European societies during XV European Conference in Athens 2011;
- Meeting with representatives of societies from the Danube river-basin – during Danube-Geotechnical Conference in Bratislava, 2010;
- Meeting with representatives of societies around Baltic Sea – during Baltic-Sea Geotechnical Conference in Rostock, 2012;
- Meeting with representatives of Nordic societies – during Nordic Geotechnical Meeting in Copenhagen, 2012;
- Meeting with individual members during activities of the European regional technical committees, ELGIP platform, National Conferences, etc.

Very useful feedback I obtained from the replies to the questionnaire which I distributed to the European societies at the end of the last year.

From all these contacts I obtained very good overview what is going on in individual countries and what are their opinions about the ISSMGE activities and what they are proposing for the improvement in the future.

2.1 National European Societies

At the moment 37 ISSMGE National Societies are in Europe, it means 3 more than at the beginning in 2009. During last period Israel Society asked to be part of the European region and this application was approved during the last Council Meeting in Toronto. Two new members are Belorussian Geotechnical Society and Bosnia and Herzegovina – first one from new independent states of the former Soviet Union and the second one from the former Yugoslavia. Small increase can be expected also in the future as not all new independent states are our members (e.g. Moldavia, Armenia). Situation is stable; many activities are spread between nearly all national societies. The exception is Georgia, where is practically zero contact. Some societies were not so active at the beginning of tenure however their activities are increasing with time, as e.g. in Bulgaria, Latvia, Lithuania, Serbia and Iceland. Very positive is fact that many new countries after political separation are still

strongly cooperating on technical and scientific levels. Typical example is Czech and Slovak national society. First contacts started also with Cyprus but the situation there is very complicated right now. Also first contact started with Azerbaijan, the interest is there very strong; however the problems are given by distance, language and visa barriers.

2.2 Individual members

Total number of individual members from Europe is little bit higher than 8000, what is between 40 and 50 % of all ISSMGE members. Even when we are in a period of some financial, economical problems, still there is a tendency for small steady increase. Very good examples are here from Norway (having continuous increase of individual members: 2008 - 411; 2009 – 415; 2010 – 442; 2011 – 454) and Turkey. For Turkey there is not only increase of the individual members, but also with corporate members.

2.3 Corporate members

With respect to the above mentioned economical problems in Europe the number of corporate members is going up slowly with higher potential in countries where this impact is not so great, as e.g. in Russia (with 3 new corporate members) or with above mentioned Turkey (2 members). According to the questionnaire there is now relatively low potential for CM increase in Europe. Some potential corporate members are strongly connected with production, e.g. with special machines for foundation engineering or for tunnelling, and in this case they prefer to be connected with international societies orientated more practically as EFFC or ITA/ITES.

2.4 Most sensitive problems in Europe

Between most sensitive problems it is possible to incorporate the following ones:

- Prestige of our profession;
- Risk connected with our profession;
- European codes - namely EC 7 - Geotechnical design;
- Geotechnical engineering education.

The first two points have general validity and are sensitive for all of our community. Therefore both items were discussed very widely not only during European conference in Athens, but also during European Young Geotechnical Engineering Conferences and as well during ISSMGE Board Meetings and also in the ISSMGE Bulletin, e.g. 2010 (Vol. 4), issue 3.

Nevertheless with respect to Europe our profession has a specific position among structural Eurocodes as Eurocode 7 – “Geotechnical design” is not only a material code as codes for concrete, steel, timber, masonry structures, but also a general code, as ground is in the interaction with all other structures and also with the help of EC 7 the action applied from the ground on the other structures can be determined. However some other arguments in favour of our profession can be mentioned as well:

- Our profession can help to improve the quality and safety of old structures as the interaction with ground is the most sensitive place.

- Our profession, with respect to the above mentioned point, can help to protect our cultural heritage, especially historical buildings, mainly with respect to the foundation ageing or bedrock deterioration.

- Geotechnical Engineering is falling under the limited group of professions which to the high extent are able to react not only on classical construction problems but also on new society demands, namely with respect to:

- Protection against natural hazards – floods, landslides, earthquakes....

- Energy savings – especially with respect to Geothermal energy, e.g. energy piles or diaphragm walls;

- Raw materials savings – with high potential for waste and recycled material utilization, e.g. ash, slag, construction and demolition waste etc.

- Protection of greenfields – as GE is playing significant role in the field of “Construction on brownfields”;

- Environmental protection in general – especially when solving the problem of waste deposition or problems associated with old ecological burdens.

On the other hand our profession is connected with relatively high risk, which is much higher than for other structures as we can test only an extremely low part of the ground or constructed geotechnical structure (earth structures), let us say one millionth, even when the expected non homogeneity is very high. Very often the quality checking of a geotechnical structure is going indirectly with limited possibility to control properties which are having dominant role on the structure safety. However this risk is not only connected with definition of geological model, geotechnical model and with numerical model, but also with the selection of the most appropriate method of construction technology which is able to react on unexpected changes of ground conditions. Main problem here is that society demands only solutions which are able to *guarantee 100 % safety. This condition can not be fulfilled* - as in principle we are counting with acceptable risk – we are accepting some probability of failures – as it is basic approach of construction design (limit state approach). Brief conclusion to this point - risk acceptance and sharing will have a positive impact on the prestige of the geotechnical engineering profession.

The general discussion to these points started already and some positive examples can be mentioned, as:

- ISSMGE Bulletin publishes many interesting examples of practical problems, similarly as the International Journal of Geoenvironment Case Histories (IJGCH);
- TV Discovery Science Channel under the headline "Building the Biggest" is presenting many specific projects where our profession is playing very important role, e.g. Busan-Geoje Project, Oresund Bridge and tunnel, tunnel under Amsterdam railway station, tunnel in Singapore under existing metro station, foundation of bridge over narrow sea in Greece with very strong seismic attack etc.
- „Geotechnical – geological way” areal was opened in Vienna, describing e.g. activities of Prof. K. Terzaghi or Dr. O.K. Frohlich and affiliated the name of the specific way to them.
- The Geo-Impuls program started in the Netherlands, in which some 30 large clients, contractors, engineering consultants, universities and institutes do participate. The target of the Geo-Impuls program is halving geotechnical failures by 2015 – with expected savings around 500 Mil. EUR. But there are another positive examples (e.g. from Sweden) of good cooperation of 3 main partners (client- owner-investor + designer + contractor) who are sharing the risk with

the main aim to decrease potential risk and to decrease bidding price.

However to be more successful at these 2 points we have to combine our forces. Namely on

- a) Information level - two positive examples were mentioned already (ISSMGE Bulletin and IJGCH journal). With respect to the questionnaire to the European societies – most of them positively evaluated ISSMGE webinars, but up to now they are reserved with respect to the other ISSMGE changes as are new web pages and GeoWord network as these activities are still at the opening phase. Nevertheless also the intention of this report should be to help to improve the information level.
- b) Professional level – namely on the level of the sister learned societies as IAEG and ISRM or on the level of the sister practical societies as ITA/ITES – International Tunnelling Association, IGS – International Geosynthetic Society, EFFC – European Federation of Foundation Contractors – in Europe). This cooperation is very good at the national level. German Geotechnical Society can be mentioned as positive example, which has sub-committees working in close contact with these sister societies. Therefore some international activities are arranged together with these sister societies. Again few examples: ITA/ITES Congress in Finland, Helsinki, 2011 or EuroGeo – geosynthetics, in Spain, Valencia, 2012. However the cooperation at the international level still needs some improvement.
- c) Academic and research level - with the main aim to achieve higher recognition of geo-engineered subjects at the university level or to achieve higher recognition of our research activities. All our achievements which are published in different journals, proceedings, books should be evaluated and registered on some official lists (e.g. on the list of Thomson Reuters) or we can create the new one much more close to our profession.
- d) National level – not only on the level of our profession but also on the level of National Civil Engineering Institutes, different government department, information media and policy makers. Activities on our professional level will be described further as are most important part of our activities.

For Europe a specific problem is connected with common European codes. Eurocode 7 – “Geotechnical design” is playing there most important role and is subject of many discussions. ERTC (European Regional Technical Committee) No.10 – Evaluation of Eurocode 7 – UK + Ireland – Andrew Bond, Trevor Orr – did in this field many positive steps. Very interesting was workshop in Athens during European conference, where also problem of numerical methods applied for the geotechnical design according to EC 7 was discussed. Nevertheless it is recommended for each national society to have some representative on the level of CEN/TC 250/SC7. Many national representatives are also working at many different “Evolution groups” of SC 7 the aim of which is to find some common approach to the new version of EC 7 which is expected to be prepared roughly in 2019.

Geotechnical education is discussed under the umbrella of ERTC 16 – Education and Training – Romania (Greece) – Iacint Manoliu (Marina Pantazidou). The main aim is to define basic demands for different levels of study according to the Bologna agreement. Just to help to increase student (and later on engineer) mobility, to be sure that students from each country will know basic principles on which other activity can

be based in all Europe. But for an individual country very important question is how to attract best students to study our profession. In this way some activities of ISSMGE can be used, namely with respect to the professional prestige. The proposal to prepare database of short presentations about extremely important projects in which our profession is playing most important role obtained very strong support in replies to the above mentioned questionnaire. These short presentations (about 5-7 minutes) can be used at the first course level of geotechnical engineering education.

2.5 Activities on the national level

Many important activities are arranged on the level of the individual National Societies, giving a great chance to all members of the National Committee to be directly involved in ISSMGE actions. It is not my intention to give the overview of detailed activities of each National Society just to show on selected examples how wide these activities are.

Most common activity is connected with national conferences. Very often these conferences are combined with some other activity as invited lecture, selection of best lecture of young engineers etc. Three examples connected with different anniversaries are selected:

- 31st Baugrundtagung – Munich, Germany, November 2010 – on the occasion of the 60 anniversary of the DGGT – German Geotechnical Society – more than 1000 attendees and enormous number of exhibitors;
- 32nd Foundation Days Stockholm, Sweden, March 2011 – with 650 participants and 60 exhibitors. Small notes to Nordic countries which cooperate very closely - Nordic Board Meeting was held in Helsinki (the 25th of March, 2011) connected with celebration of 60 anniversary of Finland Geotechnical Society.
- 40th National Conference Foundation Engineering Brno, Czech Republic, November 2012 – where 8 European national presidents or past-presidents presented invited lectures.

Such activity is connected in most cases with declaration of the best paper (work) of the young geotechnical engineers or with prize for young geotechnical engineer – e.g. in the Czech and Slovak society it is Prof. Zaruba prize or Prof. Bazant prize. Very often during this activity young engineers are nominated as national representatives for European or International conferences of young geotechnical engineers.

Smaller national societies are trying to invite some colleagues from abroad and to open proposed action also to the foreign colleagues and to declare their activity as multilingual. Therefore in some cases this activity is connected with strictly defined subject. The examples are:

- Symposium on Landslides – Iasi, Romania, 2009;
- Symposium on Landslides and Geo-environment – Tirana, Albania, 2011;
- Baltic Piling Days, Tallinn, Estonia, 2012.

Most of the European countries are arranging a Special (named) Lecture, which is presented by invited very well known foreign expert. Again only few of the “Special Lectures” are mentioned:

- London, UK - Rankin Lecture;
- Vienna, Austria – Terzaghi (Vienna) Lecture;
- Prague, Czech Republic – Prague Geotechnical Lecture ;
- Budapest, Hungary – Széchy Memorial Lecture
- Ljubljana, Slovenia – Šuklje Memorial Lecture

- Portugal - Manuel Rocha Lecture – or Victor de Mello Lecture together with Brazilian society
- Norway - Bjerrum Lecture

Many European societies are distributing Bulletin about society activities. In better case it is society journal combining information with very serious scientific papers, which are reviewed. Example is e.g. Germany with journal “Geotechnik” or Romania with “Romanian Journal of Soil Mechanics and Foundations” resp. Czech and Slovak with “Geotechnika”. Portugal society publishes two journals, in association with ABMS (Brazil): “Revista Geotecnia” (in Portuguese) and “Soils and Rocks” (in English). All papers are reviewed. In many other countries papers are published in civil engineering journals. Again the example, now from Spain - the main journal for Geotechnical publications is “Ingeniería Civil”, issued quarterly by CEDEX. Also, the journals “Revista de Obras Públicas” and “Informes de la Construcción” publish papers about Geotechnical aspects. All of them are published in Spanish, and the last one is indexed in JCR. Top level journal is from UK “Géotechnique” with relatively high impact factor. But even some smaller societies have its own journal with impact factor as e.g. Slovenia with journal “Acta Geotechnica Slovenica”.

3 ACTIVITIES AT THE EUROPEAN LEVEL

3.1 International Conference ISSMGE

18th International Conference is just now arranged in France, Paris, between September 1st and September 6th 2013.

Main theme:

“Challenges and Innovations in Geotechnics”.

Proposed format and proposed themes were defined in very early stage of preparation and approved by Council Meeting in Alexandria. The French Society for Soil Mechanics and Geotechnical Engineering was working very hardly on, first of all members of the Executive Committee Dr. Alain Guilloux, Prof. Pierre Delage and Dr. Philippe Mestat. Prof. Roger Frank is playing very important coordinative role. Nevertheless during the phase of preparation and specification of conference programme played also extremely important role ISSMGE President J.L. Briaud, who recommended a certain change of the classical structure and proposed to give larger space for members who are active in ISSMGE Technical Committees. Therefore Monday 2 and Tuesday 3 September will be devoted to plenary sessions including the Terzaghi Oration, seven Honoured Lectures, three Special Conferences and a Forum devoted to “Challenges and Innovation in Geotechnical Engineering”. Wednesday 4 and Thursday 5 September will be devoted to parallel sessions including both the Discussion Sessions and the Workshops organised in relation with the ISSMGE Technical Committees.

All conference participants will have chance to compare this new approach with classical one.

3.2 European Conferences

XV European Conference on Soil Mechanics and Geotechnical Engineering

was held between September 12– 15, 2011 in Athens, Greece.

Main theme

“Geotechnics of Hard Soils – Weak Rocks”.

Organizing committee, headed by triumvirate composed from Professors Anagnostopoulos, Tsatsanifos and Pachakis

was working very hardly. Into main technical programme two Keynote lectures were included (Prof. Robert Mair and Prof. Antonio Gens), as well one Heritage Lecture by Prof. Th. Tassios. One hour was also devoted to the 75th Anniversary of our society. The main programme consisted from the Main Sessions followed by Discussion Sessions:

- Investigations, Classification and Testing;
- Selection of Parameters Modelling;
- Foundations and Ground Improvement;
- Embankments and Dams – Slopes and Landslides;
- Excavations and Tunnelling;
- Role of Geotechnics for the Protection of the Environment.

Very interesting Workshops, combining activities of individual European Regional Technical Committees were organized on Sunday, September 11.

Even when the conference was arranged nearly at the top of economic crisis the conference was very well attended and the participants were going back at home not only with new technical information but also with nice memory on pleasant conference atmosphere and hospitality. Only the number of participants from Greece was little bit lower than organizers expected. The state of the preparation of the next European Conference of ISSMGE was presented at the end of the closing ceremony.

XVI European Conference ISSMGE in Edinburgh, Scotland from 13th to 17th September 2015

The BGA prepared bid for this conference just in time, before May 31st, 2011. No other European Society asked for, as probably accepted hard work of the BGA, which prepared the first proposal in 2006.

The BGA bid has been put together by a small sub-committee led by co-Chairmen Dr. Mike Winter (Transport Research Laboratory, Edinburgh) and Mr Derek Smith (Coffey Geotechnics Ltd.). Main theme:

“Geotechnical Engineering for Infrastructure and Development”

Many supporting organisations have expressed a wish to assist on the Organising Committee. Conference venue - Edinburgh Convention Bureau, first proposal of the Technical programme and Conference Budget are specified in details.

More details will be presented during IC in Paris and you can check the conference development on web page: <http://www.xvi-ecsmge-2015.org.uk/>

3.3 European Regional Conferences

Danube European conferences

14th Danube-European Conference on Geotechnical Engineering, June 2nd-4th 2010, Bratislava, Slovakia

After thirty-three years the Danube-European Conference on Geotechnical Engineering had come back to Bratislava, the capital city of Slovak Republic. The 14th conference took place in the premises of the Faculty of Civil Engineering of University of Technology, the organizers composed from triumvirate Prof. P.Turcek, J. Hulla and J.Frankovska. The main topic of the conference was

"From Research to Design in European Practice".

The topic was discussed in one keynote lecture session and during seven sessions:

- Session 1: Ground characterization and new development in soil mechanics,
- Session 2: Case studies using Eurocode 7,

- Session 3: Specific problems for environmental consideration,
- Session 4: Design methods for geotechnical structures,
- Session 5: Monitoring and supervision of geotechnical considerations,
- Session 6: Numerical and physical models in geotechnical design,
- Session 7: Interactive design and other problems in geotechnical practice,

Despite to the world wide economical crises and thanks to the prestigious reputation of Danube – conferences in history, this conference was again attended by many world leaders of the geotechnical engineering: Prof. J.L. Briaud from USA (President of ISSMGE), Prof. P. Seco E.Pinto from Portugal (former President of ISSMGE), Prof. I.Vaniček from the Czech Republic (Vice - President of ISSMGE for Europe), Prof. R. Frank from France (former Vice - President of ISSMGE for Europe), Prof. H. Brandl from Austria and many others. According to the feed-back reactions from participants and ISSMGE representatives, the conference was successful.

The conference was attended by 245 participants from 38 countries of the world. Their papers were published in the proceedings containing the main lectures and abstracts. The full papers were published in an electronic form on CD. The proceedings contain 175 papers of which 68 were presented orally in one of the conference sessions. More details are in ISSMGE Bulletin, Volume 4, Issue 4.

15th Danube-European Conference on Geotechnical Engineering, September 9-11, 2014, Vienna, Austria – jubilee conference – 50 anniversary of Danube-European Conferences on Geotechnical Engineering.

Main theme:

“Geotechnics and Roads and Railways”

Chairman of the Organizing committee is Prof. Brandl who attended the first one 50 years ago and vice-chairman is Prof. D. Adam from Technical University Vienna, contact: decge2014@tuwien.ac.at. More details can be obtained on web page: www.decge2014.at

16th Danube-European Conference on Geotechnical Engineering will be arranged in Serbia, Belgrade in 2018, as proposed by the chairman of the Serbian society Prof. M. Maksimovic.

Baltic Sea Geotechnical Conferences

XII Baltic Sea Geotechnical Conference was arranged in Germany. Rostock, 31 May–2 June 2012.

Main theme of the conference:

“Infrastructure in the Baltic Sea Region”

The German Geotechnical Society (DGGT) and the University of Rostock under the chairmanships of Prof. G. Heerten and Prof. F. Saathoff were responsible for this activity, which obtained more than 150 papers from 23 countries. Part of the programme was Mercer Lecture presented by Dr.-Ing. Michael Heibaum, BAW (Federal Waterways Engineering and Research Institute), Karlsruhe, Germany, with title: “Geosynthetics for waterways and flood protection structures – controlling the interaction of water and soil”.

2 Keynote Lectures were presented by N.Nolte from Germany (“Offshore wind energy”) and by J.Kammer from Denmark (“Fehmarn Belt Project”). Six main sessions were focused on: Traffic infrastructure, Research and development projects, Constructions in soft subsoil, Harbour construction, Coast protection and Foundations for offshore wind energy plants.

Also this European Regional Conference approved the idea of cooperation in our profession in region where are solved very similar problems. More details can be found in ISSMGE Bulletin, Vol. 6, issues 5 – October 2012.

Also a special meeting of interested persons was held there to discuss the future and the final decision and recommendation was:

- to arrange next XIII Baltic-Sea Geotechnical Conference in Lithuania, Vilnius in 2016, but the exact day to discuss with colleagues from Iceland who are responsible for the next Nordic Geotechnical Day (Meeting) in 2016 in Reykjavik (May 25-28)
- in future – in 2020 - to think about the possibility to join both of these activities (e.g. in Helsinki 2020).

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Nordic Geotechnical Meeting

16 Nordic Geotechnical Meeting - NGM 2012, 9th -12th May 2012, Tivoli Congress Center, Copenhagen, Denmark

255 delegates participated in the 16th Nordic Geotechnical Meeting, organized by the Danish Geotechnical Society (DGF), when triumvirate composed by M. A. Jørgensen, A.T.S. Andersen and J.S.Steenfelt was responsible for this activity.

Two Keynote Lectures were presented by Prof. P.W.Mayne (“Site investigation in the year 2012”) and by Dr. B.Simpson (“Eurocode 7 –Fundamental issues and some implications for users”). 95 papers and two keynotes papers were accepted and presented during the proceedings. They were also provided on a USB key, which was included in the conference bag. The presentations by Paul W. Mayne, Brian Simpson, Ivan Vaníček and 49 others were available as pdf files at www.ngm2012.dk.

together with very good summary of NGM2012, where not only technical aspects were emphasized, by also different cultural activities. Part of the NGM 2012 was also a visit to the Metro City Circle (MCC or, in Danish, Cityringen). The MCC is a new metro line with 17 underground stations in Copenhagen.

17 Nordic Geotechnical Meeting – NGM 2016 will be arranged in Reykjavik, Iceland, 25-28th of May, 2016. Contact: www.ngm2016, e-mail: ngm2016@road.is.

3.4 European Young Geotechnical Engineers Conferences

20th EYGEC, Brno, Czech Republic, 2010

From May 30 to June 1, 2010, the Brno University of Technology, Faculty of Civil Engineering, Department of Geotechnics, hosted the 20th European Young Geotechnical Conference co-organized by the Czech and Slovak Committee for Soil Mechanics and Foundation Engineering. Mr. Jiří Boštík and Mrs. Věra Glisníková were most important persons of the Organizing committee.

The conference was attended by 48 geotechnical engineers of age up to 35 from 28 European countries nominated by their respective National Societies for Soil Mechanics and Geotechnical Engineering.

The papers were published in the conference proceedings “GEOTECHNICAL ENGINEERING 20, View of Young European Geotechnical Engineers, Brno 2010“. Presentations of the conference delegates were classified into three main sessions:

1. Ground Investigation
2. Geomechanics
3. Geotechnics

3.1 Foundation Engineering, 3.2 Earth Structures, 3.3 Underground Structures, 3.4 Environmental Geotechnics.



According to the guidelines the sessions were “chaired by friendly, professional engineers” – John Atkinson (Emeritus Professor of Soil Mechanics, City University London), Jean-Louis Briaud (President of ISSMGE, Texas A&M University, USA) and Ivan Vaníček (Vice President ISSMGE for Europe, Czech Technical University in Prague, Czech Republic). Besides delegate’s presentations, four keynote lectures were delivered. John Atkinson delivered his lecture on “How to do research”. Jean-Louis Briaud talked about “ISSMGE, research, and education”. Jiří Mühl (Technical Director of Foundation Engineering Inc., Prague, Czech Republic) and Jan Šperger (Foundation Engineering Inc., Prague, Czech Republic) presented “Modern foundation technologies”. Finally, Miloš Polenka (GEOtest Brno, Inc., Czech Republic) delivered his lecture on “The removal of rocky environment and groundwater contamination – GEOtest Brno case studies”.

The days of hard work were accompanied by more relaxing evening programmes: the sightseeing, dinner with live dulcimer

music and closing technical excursion – construction of city road tunnels in Brno.

More details and photos are in ISSMGE Bulletin Vol. 4, Issue 4.

21st EYGEC, Rotterdam, The Netherlands, September 4th – 7th, 2011

Organizing committee chaired by Mandy Korff from Deltares collected 53 papers coming from 30 national societies. Except of representatives of the ISSMGE – Profs. J.L. Briaud and I. Vaniček, organizers invited also other specialists – Prof. L. Caldeira from Portugal and Dr. T. Chapman from UK - to present keynote lectures and to lead discussion when young colleagues presented their papers. For the publication the same system was proposed as for Brno conference. More information can be found on www.kiviniirja.net/EYGEC2011.

22nd EYGEC, Sweden, Gothenburg, 2012

Stefan Aronsson, President of the Swedish Geotechnical Society, when visiting 20th EYGEC in Brno, declared his intention to arrange another one in Sweden in 2012. This fact speaks about respected significance of such activities in Europe. The conference was organized by the Swedish Geotechnical Society with Ms. Victoria Svahn doing a great job as the chairwoman. A great acknowledgement should be given to the whole organizing committee for their effort in organizing this conference. 52 delegates from 26 different countries were represented. Apart from the 52 delegates the conference was attended by Swedish specialists, the leaders of eight different sessions - Site investigation and laboratory testing, Design parameters and modelling, Shallow and deep foundations, Deep excavations and retaining structures, Tunnelling and underground structures, Slope stability and landslides, Infrastructure projects, and Ground improvement. The conference also offered three keynote lectures presented by Professor Ivan Vaniček (Vice President of ISSMGE Europe, Czech Technical University), Professor Stefan Larsson (Royal Institute of Technology) and Professor Minna Karstunen (Chalmers University of Technology). Apart from the very interesting presentations and lectures, the delegates also joined together in appreciated social activities in the Gothenburg area. The conference papers have been published in the proceedings which, for example, can be found through the website of the Swedish Geotechnical Society www.sgf.net.

23rd European Young Geotechnical Engineers Conference will be held in Spain, Barcelona in 2014.

Candidate for the next in 2015 is UK, which would like to combine the European Conference in Edinburgh with EYGEC in close vicinity.

Signal of interest is coming also from Romania. It means that these conferences are very well established and there is a great effort, not only to arrange such activities, but also to attend them, as the selection of candidates from some countries have to be arranged.

5th International Young Geotechnical Engineer Conference

According to the accepted rules, the International YGEC will be arranged in Paris, France, on the occasion of International conference SMGE, 2013. Each European society had chance to nominate 2 regular candidates on this conference.

3.5 European Regional Technical Committees

After International conference in Alexandria all existing European Regional Technical Committees declared their wish to continue in their work:

- ERTC 10 – Evaluation of Eurocode 7 – UK + Ireland – Andrew Bond, Trevor Orr;
- ERTC 12 Geotechnical Evaluation and Application of the Seismic Eurocode 8 – Italy – Michele Maugeri;
- ERTC 7 – Numerical methods in geotechnical engineering - Spain – Cesar Sagaseta;
- ERTC 3 - Piles – Belgium – Noel Huybrecht (Maurice Bottiau);
- ERTC 16 – Education and Training – Romania(Greece) – Iacint Manoliu (Marina Pantazidou).

All ERTC accepted invitation to join European conference in Athens and common workshops were arranged on this occasion. A special position has ERTC 7 which is responsible for the European Conference on Numerical Methods in Geotechnics (NUMGE). The last one was arranged in Trondheim, Norway in 2010 and the next one (8NUMGE2014) will be arranged in the Netherlands, in Delft in 2014, chaired by Prof. M. Hicks, from Delft University. The Preliminary Announcement brochure was distributed in September 2011. Website: www.numge2014.org.

For a great significance of the Regional TC the new ones were proposed to establish in Europe, as:

- Geothermal energy
- Utilization of large volume waste in geotechnical applications
- Ageing of earth structures in transport engineering
- Land subsidence

Up to now the first one – Geothermal Energy - was established, chaired by Prof. R.Katzenbach from Darmstadt University, Germany. First meeting was arranged there during summer holidays in 2012. As typical problem of these TC is financial one, how to pay for all activities which are proposed for, the main idea is to propose this new ERTC in agreement with research activity supported from EU. Cooperation with ELGIP platform is also proposed. Meanwhile the colleagues working on the proposal of COST project decided to establish ERTC Land subsidence and colleagues from Deltares, the Netherlands expressed their wish to take care about this ERTC. The discussion about two other proposals is still going on; main problem is connected with leaders of these ERTC.

3.6 International Technical Committees activities in Europe

TC's on the international level were newly rearranged, with new numbers, see ISSMGE Bulletin Volume 4, Issue 4, December 2010. Technical Oversight Committee established by ISSMGE president (chaired by Dr. S.Lacasse) presented 29 Technical Committees from which 15 have host country in Europe. As the report for ISSMGE Council Meeting in Paris about TC activities will be independent, only brief overview of TC's activities in Europe is presented even when they create one of the most important activities in this region:

- 2010

- 5th Int. Conf. Unsaturated Soils –Barcelona, Spain;
- Inter. Conference Geotechnical Challenges in Megacities – GeoMos2010-Moscow, Russia, 5 different TC.
- 7th Int. Conf. on Physical Modelling in Geotechnics, Zurich, Switzerland
- TC40 Workshop on Failures, Disputes, Causes and Solutions in Geotechnics; Budapest, Hungary

-2011

- 7th Int. Symp. Underground Construction in Soft Ground; Roma, Italy
- 2nd Int. Symp. On Computational Geomechanics (ComGeo II); Dubrovnik, Croatia;
- Railway Geotechnical Engineering; Paris, France;

- 9th Int. Workshop on Bifurcation and Degradation in Geomaterials, Porquerolles, France;
- 3rd Int. Symp. on Geotechnical Safety and Risk; Munich, Germany;
- 11th Int. Conf. on Computational Plasticity, Barcelona, Spain;
- TC207 Workshop on Soil-structure Interaction and Retaining Walls, Dubrovnik, Croatia.
- **2012**
- TC 203 – 2nd Int. Conf. on Performance-Based Design in Earthquake Geotechnical Engineering; Taormina, Italy
- Int. Conf. on Geotechnical Eng. Education; Galway, Ireland,
- 6th Int. Conf. on Scour and Erosion; Paris, France
- TC 211 – Int. Symp. Ground Improvement; Brussels, Belgium
- 2nd Europ. Conf. on Unsaturated Soils – E-UNSAT2012 – Napoli, Italy
- 7th International Conference on Offshore Site Investigation and Geotechnics: Integrated Geotechnologies, Present and Future - London, United Kingdom, TC209.
- **2013**
- Second International Symposium on Geotechnical Engineering for the Preservation of Monuments and Historic Sites. Napoli, Italy, TC 301.
- TC215 ISSMGE - International Symposium on "Coupled Phenomena in Environmental Geotechnics (CPEG) - from theoretical and experimental research to practical applications". Torino, Italy, TC 215.

4 CONCLUSION

When looking back and summarizing the most important activities in Europe it is nearly unbelievable how many activities were done by National Societies and by individual members under the umbrella of ISSMGE. Positive statement is that:

- Number of societies is going up;
- Differences between individual parts of Europe are decreasing;
- There is a great interest from the side of young geotechnical engineers;
- Enthusiasm to work mostly as volunteers in different TC or ERTC is very high and has growing tendency.

On the other side we have still many steps in front of us mainly connected with our effort to increase the prestige of our profession. Nevertheless even there some very positive steps forward were done. We have to speak on different levels about our activities to receive a higher recognition. We have to speak about the risk with which our profession is connected. We need to speak about risk sharing as this sharing, or cooperation with different partners which are involved in the design and performance of geotechnical structures will help us to decrease the risk with positive impact on our profession.

At the end of this report please allow me to express my deep thanks for the chance to work and discuss with so many professional colleagues. Many thanks for your support and help, for your new ideas, which I had a chance to learn from you. It was really a great experience for me. I will try to pass all these experiences on new elected Vice-President of ISSMGE for Europe – on Prof. Antonio Gens. I believe that you will support him as well as me in his work and I wish him a great success.

REPORT FROM THE VICE-PRESIDENT OF ISSMGE FOR NORTH AMERICA

Gabriel Auvinet

ISSMGE Vice-President for North America

1 INTRODUCTION.

This report contains a summary of the activities of the North American Region from October 2009 to September 2013. During this period, ISSMGE Vice-Presidency for North America was first occupied by M.P. Romo, as established in the ISSMGE Council Meeting during the 17th ICSMGE held in Alexandria in October 2009. G. Auvinet, former president of Mexican Society of Geotechnical Engineering, took over after M.P. Romo resigned for personal reasons in December 2009.

Progress reports on activities in the region were presented by G. Auvinet to the ISSMGE Board during the following meetings:

- Board meeting in Moscow, June 6th, 2010
- Board meeting in New Delhi, November 8th, 2010
- Board meeting in Hong Kong, May 22nd, 2011
- Board meeting in Toronto, Oct 1st, 2011
- Board meeting in Lagos, Apr 29th, 2012
- Board meeting in Melbourne, July 15th, 2012
- Board meeting in College Station, Apr 27th, 2013

2 THE NORTH AMERICAN REGION

The North American region includes only three member countries: Canada, USA and Mexico, a small number when compared to other regions such as South America, Asia and Europe. The individual membership in the ISSMGE represents however close to 20% of the grand total membership (approximately 18,000) of all Member Societies around the globe. It has already been pointed out in the past that the impact of the three votes of the region (out of more than 80 countries) in the major issues under consideration on the floor at Council Meetings is far from proportionate to the number of individual members and their fee contributions.

The three member societies of the region are extremely active and have a strong presence and influence in the engineering community and the society in general in their respective country as well as internationally.

Detailed information regarding the activities of each of the three Member Societies can be found on their excellent individual web sites:

Canadian Geotechnical Society (CGS, Canada): www.cgs.ca
GeoInstitute (GI, USA): www.geoinstitute.org
Sociedad Mexicana de Ingeniería Geotécnica (SMIG, Mexico): www.smig.org.mx

Only the main activities of the period will thus be presented in the appendix.

3 INTERNATIONAL RELATIONS

During the period, formal international relations between the three member countries were encouraged. Contacts were also established in an informal manner taking advantage of personal relations. Typical were the lectures given in Mexico by Jorge Zornberg (G-I) on Geotextiles and by Serge Leroueil (Canada) on Compacted soils.

An agreement of cooperation was signed between G-I (USA) and SMIG (Mexico) on October 7th, 2009 in Alexandria, Egypt. To follow up on this agreement, Juan de Dios Alemán, SMIG President, and G. Auvinet, ISSMGE VP for North America, were invited to attend the G-I board of governors meeting in Dallas (March 12th 2011). A proposal to organize a joint technical event in 2014 on "Geotechnical Hazards" is being evaluated.

G. Auvinet, ISSMGE VP for North America, was also kindly invited to attend the board of governors meeting of CGS in Calgary, on September 12th, 2010.

Invitation of ISSMGE Vice President for North America to National Conferences should become a systematic practice to reinforce the contacts between the three countries.

4 PAN-AMERICAN COMMITTEE MEETINGS

4.1 Gramado Meeting

To promote a wide participation in the Pan-American conference, a special meeting of the Pan-American Committee was organized in Gramado, Brazil (during COBRAMSEG2010, August 17-22 2010) with participation of delegates from 15 member countries. Professor Giovanni Cascante, co-chair of the 14th PCSMGE organizing committee, presented the advances in the Toronto Conference organization.

President of ISSMGE Jean-Louis Briaud and Past President Pedro Sêco e Pinto, attended this meeting. The North American region was represented by Giovanni Cascante (Canada), Robert Holtz (USA), Walter Paniagua (Mexico) and G. Auvinet (ISSMGE VP for North America).

To foster participation of members of all countries of the continent, including some that may not be able to attend the Conference, and respecting a tradition inherited from previous Pan-American Conferences, the Organizing Committee kindly agreed to include all accepted papers in the Proceedings. However, only duly registered members by July 2011 were considered for oral and poster presentations.).

4.2 Toronto Meeting

A meeting of the Pan-American committee was organized in Toronto during the 14th Pan-American Conference.

An important topic of this meeting was the presentation and discussion of a new “Agreement for the Pan-American Committee meeting”. This document was approved and is now available on the ISSMGE website.

4.3 Cancun Meeting

To promote a wider participation of ISSMGE members in the 15th Pan-American Conference to be held in Buenos Aires in 2015, a special meeting of the Pan-American committee was organized in Cancun, Mexico during the 26th SMIG National meeting (November 14-16, 2012). This meeting, held on November 14, was attended by delegates from several Member Societies of the continent, namely: CGS (Canada), SAIG (Argentina), SSG (El Salvador), ABMS (Brazil) and SCG (Chile).

5 TECHNICAL COMMITTEES

Category	TC #	TC Official Name	TC Short Name	Host Country	TC Chair	Members Nominated by TOC (4)	TOC Liaison
Fundamentals	TC 102	Ground Property Characterization from in-situ tests	In-Situ Testing	USA	P. Mayne	F. Schnaid (Brazil) An-Bin Huang (Taiwan) Tom Lunne (Norway) John Powell (UK)	A. Wissa
Applications	TC 206	Interactive Geotechnical design	Interactive Design	Canada	K. Been	Albert Ho (Hong Kong) Dennis Becker (Canada) G. Scarpetti (Italy) Alain Pecker (France)	D. Jamiolkowski
	TC 208	Stability of Natural Slopes	Landslides	Canada	J. Fannin	Lee, Seung Rae (S-Korea) F. Nadim (Norway) H.N. Wong (Hong Kong) Denis Demers (Canada)	Hongsung
	TC 209	Offshore Geotechnics	Offshore	USA	P. Jeanjean	Chu, Yun Wook (S-Korea) P. Watson (Australia) K.H. Andersen (Norway) R. Gilbert (USA)	S. Lacasse
	TC 214	Foundation Engineering for Difficult Soft Soil Conditions	Soft Soils	Mexico	J.L. Rangel	Fritz Nowacki (Norway) B. Indraratna (Australia) J.P. Magnan (France)	Sherif Wissa

All committees have been working satisfactorily as described in their reports to the Technical Oversight Committee TOC. Direct information flow from TCs chairs to the North America V.P. should be considered essential for a better coordination of their activities in collaboration with the TOC.

ISSMGE TC 214 organized two successful workshops, one of them during the “8th International Symposium on Land Subsidence” on October 17th 2010 in Querétaro, Mexico. A second workshop on “Extreme Soil Mechanics” was held on May 23th, 2013 in D.F., Mexico, with participation of very important international and national geotechnical engineers (D. Hight, F. Mooser, J. J. Schmitter, E. Ovando, G. Auvinet, E. Santoyo, W. Paniagua, J. L. Rangel, among others).

Acknowledgment is due to Dr. Patricia Lopez Acosta for her assistance in the preparation of regional reports during this period.

Mexico City, September 1st, 2013

Report from the Vice-President of ISSMGE for South America

Roberto Terzariol
ISSMGE Vice-President for South America

1 INTRODUCTION.

The ISSMGE Vice President for South America is Professor Roberto Terzariol. His terms end in 2013. Currently is Dean of the School of Engineering at the National University of Córdoba. He is also Leading Professor at the National Technological University where he taught Foundation Engineering. Teaches courses of geotechnical engineering for Masters and Doctoral degree from several universities in Argentina and in an active consultant on Geotechnical Engineering projects.

2 SOUTH AMERICAN REGION

It is necessary to explain where we are, who we are, where we fit into the ISSMGE, which is our present, and which are the future challenges.

2.1 Where we are

The South American Region is located from the Central to the Southern part of the American continent. The region includes countries from Central America, Caribbean and South America, both speaking Spanish and Portuguese. The distance to the other regions ranges between 8.500 and 18.000 kms, and the maximum distance from one end to the other of the region is 8.000 km. This is a problem that hinders communication and exchange between the member Societies. Our region is the only one split between two continents.

2.2 Who and how many we are

The region has more than 1300 members in the ISSMGE, and they contributed approx. 6% approx. of the total ISSMGE's subscriptions in 2009. Members of the region, from Argentina, Brazil, Chile and Peru, work in more than ten TCs, such as "Unsaturated soils", "Laboratory testing", "Underground construction" and others, with a significant involvement in each one. The chair of "Megacities" TC, is located in the region (Prof. A. Negro of Brazil). Prof. Victor de Mello, President of the Brazilian Society and formerly VP for South America, was one of the more representative presidents of the ISSMGE. The region is composed of 13 member Societies representing as many countries. Some of them are very old, such as the Argentinian Society which is 62 years old, and some very recent, e.g. the Dominican Society created just 3 years ago. There are now three countries that have shown interest in joining the ISSMGE. Guatemala has already completed the paperwork and became a new member. The table shows a list of the constituted Societies, their name, and the authorities of each one.

Table 1 - List of Societies of SA Region

<u>Society Denomination</u>	<u>President</u>	<u>Period</u>
Sociedad Argentina de Ing. Geotecnica	A. Sfriso	2013-2015
Asociación Boliviana de Geotecnia	R. Barrientos	s/d
Asociacao Brasileira de M. dos Solos	A. Asis	2013-2014
Sociedad Chilena de Geotecnia	R. Verdugo	2011-2013
Sociedad Colombiana de Geotecnia	C. Torres	2012-2014
Asociación Costarricense de Geotecnia	M. Tapia	2011-2013
Com. Tec. Nac. de M. de Suelos y Geot. Cuba	R. Armas N.	s/d
Soc. Dominicana de Geotecnia y Mat.	L. Carpio M.	2007-2013
Soc. Ecuat. de M. de Suelos y Rocas	D. Stay Coello	2013-2015
Sociedad Salvadoreña de Geotecnia	L. Pineda	2012-2014
Sociedad Paraguaya de Geotecnia	R. Mena	2011-2013
Sociedad Peruana de Geotecnia	C. Torres	2010-2014
Sociedad Venezolana de Geotecnia	A. Benarroch	2012-2013

The average in South America is 3.5 members per million inhabitants and in the whole ISSMGE this ratio is 11 approx. In one sense this index measures the degree of geotechnical engineering development of a particular region, but it needs to be linked to the maximum and minimum of that region to balance the asymmetries between different countries. The following table shows the regional averages and their maximum and minimum.

Table 2 - Average, maximum and minimum in each region

REGION	COUNT.	Members per million habitants				
		Average	Minimum		Maximum	
AUSTRALASIA	2	64	Australia	40	New Zealand	88
EUROPA	32	20	Russia	2.2	Iceland	77
NORTH AMERICA	3	11	Mexico	2.5	Canada	21
SOUTH AMERICA	13	3.5	Peru	0.9	Paraguay	9.5
ASIA (**Without Singapore and Hong Kong)	22	6.0*	China	0.26	Singapore	42
		2.7**			Japan	10.6
AFRICA	11	1.6	Nigeria	0.26	Tunisia	4.0

The table shows also that Mexico and Russia in the North American and European region, are similar to the South American countries, and Canada in North America similar to the European countries. On other hand, countries with a small population, like Iceland, Singapore or Paraguay, have a great influence in the media values. With all these considerations SA is located in an area between highly developed countries and the most delayed ones, and has a large asymmetry with its neighbor of NA.

3 CHALLENGES IN THE PAST 3 YEARS

The following table summarises the situations, issues, and achievements of Member Societies in the SA regions.

Situation	Issues	Achievements
Pan Am Conference (the only Regional Conf. with 2 regions)	Low participants from the non host region. Economic asymmetries	3 PanAm Committee Meeting in August 2010, September 2011 and December 2012
Poor interaction between Societies of the region	Overlay of Conferences. Not optimized itinerant seminars and courses	Build up a calendar of events. Improve personal contact. Regional events & TC's.
Lack of communication between authorities	Misunderstanding and wariness among societies	2 Meetings of Presidents of South American Societies in August 2010 and October 2012.
No official web page	Poor interaction between VP and member societies	Web page, with information, calendar of events, reports of TC members, etc.
Unbalanced participation in TC's Committees	Some Societies are not aware of these activities	Promote societies. Publish reports of TC's members
Countries not members ISSMGE	Many Geotechnical Engineers not integrated	Promote the creation of local societies (SGG-SUG-CPG)

4 REGIONAL ACTIVITY

The following were the main regional activities between 2010 and August 2013:

- 10 National Conferences (Argentina, Brazil, Colombia, Venezuela, Chile, Costa Rica)
- 3 International Conferences (Brazil, Chile)
- 15 International Seminars and Courses (Argentina, Brazil, Chile, Colombia, Ecuador, Perú, Sto. Domingo, Costa Rica)
- >30 National Seminars and Courses (Argentina, Brazil, Chile, Colombia, Ecuador, Sto. Domingo, Venezuela)
- 2 Chile's Earthquake Report (SoChiGeo-GREE / CICCba-SAIG Argentina)
- 1 International Publication (Soils & Rocks in English and Portuguese) + 8 Local Publications (hard copy and electr. in Spanish) (Argentina, Brazil, Colombia, Costa Rica, Ecuador, Perú, Venezuela)
- 3 Meetings of the Panamerican Committee (Brazil, Canada, Mexico)
- 2 Meetings of Societies from South America (Brazil)

All this shows the strength and the maturity of the Geotechnical Engineering in the region and the efforts of each Member Society. In the 2 meetings of SA societies in August of 2010 and October of 2012, all the representatives of the member

societies could discuss their issues, and possibly found solutions by working together. The three meetings of the Pan Am Committee were very important because we were able to define the by-laws and agreements of the Pan Am Committee board, and for the organisation of future the Pan Am Conferences.

5 ACTIVITY OF VICE-PRESIDENT.

5.1 Meetings of the presidents of the national societies of the South American region

August 2010, in Gramado (RS, Brazil): 12 societies over 13, participated in the meeting of representatives from the geotechnical national societies in the region.

Together with the ISSMGE Vice President Roberto Terzariol (Argentina), there were delegates from Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Paraguay, Perú, Venezuela. Unfortunately, Luis Carpio (Dominican Republic) has an accident which made it impossible travel to Brazil for this meeting. Additionally included the presence of Alvaro Gutierrez (Uruguay) as an observer as future National Society member. The meeting was held in Serrano Hotel just before the XV Brazilian National Conference on Geotechnical Engineering.

September of 2012, in Porto de Galinhas (Recife, Brazil): 10 of the 13 Members Societies participated in the meeting of representatives.

Besides the ISSMGE Vice President Roberto Terzariol (Argentina), there were representatives from Argentina, Brazil, Chile, Colombia, Costa Rica y El Salvador. Walter Paniagua (Mexico) attended as an observer from North America Region. The meeting was held just before the XVI Brazilian National Conference on Geotechnical Engineering.

In both meetings, Prof. Roberto Terzariol welcomed all delegates. He acknowledged the Organizing Committees of the National Conferences for hosting the meetings. Each representative spoke about the history, number of members, local issues and events to be held in each country. The performance in each Society was different, but in general it can be seen that all are preparing National Conferences, Seminars and Courses with local and international character. The journals and bulletins of each society are designed such as to provide a means of communicating news and research articles. As a result in all the regional societies, with few exceptions, are developing activities, which, through the participation of its members show, the strength of geotechnics in the different countries. There followed discussions based on the Meeting Agenda.

5.2 MEETINGS OF THE PANAMERICAN COMMITTEE

August 2010, in Gramado (RS, Brazil): during the XV Brazilian Conference of Geotechnical Engineering. In attendance were Prof. Jean Louis Briaud, President of the ISSMGE, Prof. Pedro Seco e Pinto former President of the ISSMGE, the Vice President for South America, 12 representatives of the South American Societies, 3 delegates from the North American societies, and the Vice President from North America, Gabriel Auvinet.

September 2011, in Toronto (Canada): during the XI Pan American Conference of Soil Mechanics and Geotechnical Engineering. In attendance were Prof. Jean Louis Briaud, President of the ISSMGE, Prof. Pedro Seco e Pinto former President of the ISSMGE, the Vice President for South America, 9 delegates from South American Societies, 3 delegates from the North American societies, and the Vice President from North America, Gabriel Auvinet.

December 2012, in Cancun (Mexico): during the Mexico's National Conference of Soil Mechanics and Geotechnical Engineering. In attendance were the Vice President for South America, 8 delegates from South American Societies, 3

delegates from the North American societies, and the Vice President from North America, Gabriel Auvinet.

In the three meetings Prof. Terzariol and Prof. Auvinet opened the meetings by welcoming all delegates. They acknowledged the presence of the various authorities and all participants. An informal introduction of all delegates was made, emphasizing the fact that most countries of the continent were represented. Dr. Gabriel Auvinet presented a brief report concerning the North American Region. Highlights in conferences, seminars and other events were mentioned. Prof. Roberto Terzariol briefly discussed the importance of SA Societies within the ISSMGE, with 13 active countries and 2 more in formation (Uruguay and Guatemala). After that the participants discussed the agenda, in particular the organization of the next Pan American Conference and the Bylaws of the Committee.

6 CREATION OF THE WEBPAGE FOR THE VICEPRESIDENCY

A webpage was created so as to improve the communications between member societies and the vicepresident, and establish an agenda of regional events, was created a webpage with the following address:

www.issmge-savp.blogspot.com

Following is a sample of the page:



7 ACTIVITIES IN EACH NATIONAL SOCIETY

7.1 ARGENTINE SOCIETY FOR GEOTECHNICAL ENGINEERING - SOCIEDAD ARGENTINA DE INGENIERIA GEOTECNICA (SAIG):

The Argentine Society is the oldest in the region, and has more than 80 members. There were 10 main events in Argentina in the period 2010-2013. The SAIG organized the following events in the period:

- Seminar on "Pile Design for Building and Infrastructure". There were 3 lectures, given by Prof. Eduardo Nunez, Juan Fernandez Vincent and Tomas Van Cauwelaert on "Design and Construction of CFA Piles".
- The "International Symposium on Landslides and Associated Risks" organized together between SAIG and the Argentine Association for Engineering Geology and Environment (ASAGAIA). The Seminar had 3 main lectures given by Prof. Pedro Seco e Pinto, Dr. Raul Sarra Pistone (Portugal) and Prof. Roberto Terzariol (Argentina).
- The "XX National Conference on Soil Mechanics and Geotechnical Engineering – CAMSIG2010" in Mendoza. With 5 international lectures given by Carlos

Santamarina (Georgia Tech – USA), Carlos Costa (Univ. of San Luis, Argentina), Luis Ortuño (Polytechnic University of Madrid, Spain), Pedro Ortigosa (Chile) and Oscar Varde (Argentina).

- The "International Course on Advanced Numerical Geomechanics – PLAXIS" was held in Buenos Aires, with participants from Argentina, Bolivia, Brazil, Chile, Colombia, Peru and Venezuela. There were lectures given by Dr. Esteban Hormazabal (SRK Consulting), Dr. Raul Bertero (Argentina), Cesar Sagaseta Millán (Spain), Juan Pestana Nascimento (USA), Alejo Sfriso, Juan Fernandez Vincent and Jorge Laiún (Argentina), and Dennis Waterman & Alfonso Alvarez Manilla (PLAXIS VB).
- The "Seminar on Excavations, Braced Cuts, and Underpinning", organized together between SAIG and the Association of Structural Engineers. With lectures given by Prof. Alejo Sfriso.
- The "Symposium on Geotechnical Problems in the Design and Construction of Mountain Roads" in Tucumán, together with the Association for Engineering Geology (ASAGAIA).
- In Córdoba, together with the local Councils of Engineers and Architects be made two courses regarding geotechnical implications in construction management.
- The "XXI National Conference on Soil Mechanics and Geotechnical Engineering – CAMSIG2012" in Rosario. With 5 international lectures given by Gabriel Auvinet (UNAM, Mexico), Charles Ng (Hong Kong), Pedro Pinto (Portugal), and Roberto Terzariol (Argentina).
- The Seminar about "Deep Foundations" in Buenos Aires, with lectures given by Eduardo Nuñez and Alejo Sfriso.
- Three short courses in San Juan, given by Marcelo Sanchez (USA) and Luciano Oldecop (Argentina).

Additionally the Argentine Society continues, as it did in 2010, participating in developing the Argentine standards in geotechnical tests (IRAM) and for the civil construction (CIRSOC).

7.2 BRAZILIAN ASSOCIATION FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING - ASOCIACAO BRASILEIRA DE MECANICA DOS SOLOS E ENGENHARIA GEOTECNICA (ABMS)

The Brazilian Society is one of the more active in the region with more than 700 members, divided in Regional Chapters for the different states in the country, and has a continuous participation in the ISSMGE's Technical Committees and Conferences.

- The Conference "Ecos da Sardenha", about urban solid waste treatment and deposition.
- A lecture of Tribute to Professor Milton Vargas a emeritus member of ABMS and past president. The ABMS authorities presented a document on Natural Disasters in Brazil.
- The Regional Conference "GEOSUL2010", was held in Foz do Iguaçu (PR), organized by the Regional Chapter of Paraná/Santa Catarina.
- The Center and West Chapter of ABMS, held a Course for Bore Hole Operators, and awarded qualifications to 29 individuals.
- The same chapter organized the "Symposium on soft Soils" in Guarujá (SP).
- The 9^o International Conference on Geosynthetics. This conference took place also in Guarujá and was organized together with the International Geosynthetics Society (IGS). There were 7 keynote and special lectures, given by S. Sandroni (Brazil), J. Giroud

(USA), R. Holtz (USA), H. Brandl (Austria), D. Cazzuffi (Italy), S. Perkins (USA), A. Fourie (Australia), and Jorge Zornberg President of IGS and member of ISSMGE.

- In Cuiabá, Professor Roberto Quental Coutinho gave the “6^a Conference on “Management of Urban Landslides Risks”, organized together for the Regionals Chapters from, Cuiabá, Salvador, Minas Gerais, Sao Paulo, Paraná-Santa Catarina, Rio Grande do Sul, Rio do Janeiro and Nordeste.
- The “XVI Brazilian Conference on Soil Mechanics and Geotechnical Engineering – COBRAMSEG2010”, and “Geojuven” for young geotechnical engineers. The event held the “Victor de Mello Lecture”, given by Professor Harry Poulos (Australia), with an introduction by Professor John Burland (UK).
- The “Luso-Brazilian Symposium” together with the Portuguese Geotechnical Society.
- The Nordeste Chapter of ABMS, organized the “1^o North East Symposium on Geotechnics” in Recife (PE).
- ABMS presented the “Soils and Rocks Prize”, in a ceremony which included the participation of Dr Laura Caldeira (SPG), Prof. Arsenio Negro (ABMS), Prof. Henio Palmeira (IGS) and Dr. Heloisa Frasca (ABGEE).
- The second Course for Bore Hole Operators, and awarded qualifications to 40 technicians.
- The “XVII Brazilian Conference on Soil Mechanics and Geotechnical Engineering – COBRAMSEG2012”. The event held the “Victor de Mello Lecture”, given by the Prof. Michelle Jamolkowski (Italy), with an introduction by Prof. Roberto Terzariol (Argentina).
- Three National Courses on “Deep Foundations”
- National Seminars on “Soft Soils” and “Non saturated soils”
- The 4th International Conference on Geotechnical and Geophysical Site Characterization (ISC’4) that will be held in Porto de Galinhas, Pernambuco – Brazil. With the presence of Profs. P. Maine and R. Salgado (USA), P. Robertson (Canada) and S. Forti (Italy).
- The 3rd Brazilian Congress on Tunnels and Underground Structures, in Sao Paulo.

7.3 CHILEAN GEOTECHNICAL SOCIETY - SOCIEDAD CHILENA DE INGENIERIA GEOTECNICA (SOCHIGE)

The Chilean Society is an important society in the region especially on issues of geotechnical earthquake engineering and mining geotechnics, with more than 70 members. Professor Ramón Verdugo is President of SOCHIGE and also member of the ISSMGE Earthquake Technical Committee.

The city of Santiago de Chile held the “5^o International Conference on Earthquake Geotechnical Engineering”, presided by Professor Ramón Verdugo and sponsored by the TC04 of the ISSMGE. Jean Louis Briaud, as president of the ISSMGE, Pedro Seco e Pinto past president, and Roberto Terzariol currently ISSMGE Vice President for South America attended the conference. During the conference Prof. Ricardo Dobry (USA) was honoured with the Ishihara Lecture.

There were:

- 10 Special Sessions led by F. Leyton, J. Bray, C. Ledezma, D. Frost, S. Yasuda, R. Verdugo, B. Bradley, M. Cubrinovski and R. Saragoni.
- 7 State of the Art Sessions, coordinated by Ikuo Towhata, An-Bin Huang, F. Chavez, R. Boulanger, S. Kramer, P. Secco e Pinto and G. Gazetas.
- 12 Theme lectures, given by J. Bray, P. Ortigosa, L. Valenzuela, K. Pilitakis, R. Villagra, M. Cubrinovski, R. Verdugo, A. Elgamal, E. Ovando Shelley, J. Kuwano, S. Yasuda and K. Stokoe.

- 3 Workshops led by Professors Jorge Troncoso, Takaji Kokusho and Atila Ansal, respectively.

The National Conference on Soil Mechanics and Geotechnical Engineering was organized by the SOCHIGE, with very important lecturers from Chile and other countries of the region.

7.4 COLOMBIAN GEOTECHNICAL SOCIETY - SOCIEDAD COLOMBIANA DE GEOTECNIA (SCG)

The SCG is a strong society which includes the Societies for Engineering Geology and Rock Mechanics.

- The SCG organized the XIII Colombian Geotechnical Conference and the VII Colombian Seminar on Geotechnics, the later about Mining Geology, in Manizales. The lectures were offered by Laurence Wesley (New Zealand), Daniel Salcedo (Venezuela), Tarsicio Celestino (Brazil), Antonio Samaniego (Peru), Gianfranco Perri (Venezuela) and Jaime Suárez, Juan Montero y Alvaro Correa (Colombia).
- “International Seminar-Course on Petrologic and Climates Aspects in the Behavior of Aggregates”. The lecturers were Antonio Gomes Correia (Portugal-ISSMGE), Chris Rogers (Canada), Dar Hao Chen (USA) and Juan Montero, Sandra Campagnoli, Octavio Coronado and Diego Sánchez de Guzmán from Colombia.
- “V Academic Seminar on Rock Engineering - Theoretical and Applied Rock Mechanics for Tunnels and Slopes”. The event was organized together with the Research Group on Rock Engineering, with the support of the SCG’s Rock Engineering Commission.
- The International Seminar on Landslides and Erosion, in Medellín, with lectures given by Prof. Mora (Costa Rica), P. Salva (Colombia) and R. Terzariol (Argentina).
- VII Colombian Geotechnical Seminar
- International Seminar of the Regional Technical Committee on Landslides and erosion.

7.5 COSTA RICA GEOTECHNICAL ASSOCIATION – ASOCIACION COSTARRICENSE DE GEOTECNIA (ACG)

The ACG is 30 years old and is very active in the region. Professor Marlon Jimenez, the president of ACG, is pro-ctive and recognized in the Central American and Caribbean geotechnical communities.

- In the University Auditorium, Professors Luis González de Vallejo and Mercedes Ferrer, from Spain, give a lecture on “Geotechnical Risks and Impact in Civil Facilities and Environment”.
- The “Strategic Workshop of ACG’s Technical Committees” in this event discussed the following issues:
 - Geotechnical Engineering Teaching
 - Rock Mechanics
 - Foundations Standards
 - Landslides
- 2nd Geotechnical Colloquium, on “Geotechnical Characterization of Material from a Cut” given by the Eng. Alejandra Morice, during the annual Assembly of ACG.
- Professor Nick Barton (Norway) led the Regional Geotechnic Course “Latest techniques and experiences in the design and stabilization of excavations in rock for civil works in complex geology”.
- The ACG in collaboration with the National Emergency Committee, the Justice Secretary, the Presidency of the Republic and the CFIA, carries out inspections and assistance in many civil facilities and projects, such as the San José-Caldera Road, and a slope in the Women Penitentiary “Buen Pastor” of San José.

- The XI National Conference on Geotechnical Engineering, in San Jose, with lectures given by G. Pierri (Venezuela), R. Terzariol (Argentina), and M. Tapia (Costa Rica).
- The II South American Symposium on Rock Excavation, with lectures given by N. Barton (Norway), M. Jimenez (Costa Rica) and M. Romana (Spain).

7.6 CUBAN NATIONAL COMMITTEE OF SOIL MECHANICS AND GEOTECHNICS - COMITÉ TECNICO NACIONAL DE MECANICA DE SUELOS Y GEOTECNIA DE CUBA (CTNMSG)

The Cuban Society is under the direction of Professor Rolando Armas Novoa from the National University of Cuba “José Antonio Echevarría” and is part of the National Union of Architects and Engineers of Cuba (UNAIACC).

- “9^o Symposium on Structures, Geotechnics and Materials” during November 23-26, 2010, in Santa Clara, Cuba. Besides the Cuban professionals taking part in this symposium, there were delegates from Colombia, Mexico, Spain and Brazil. Professor Rolando Armas Novoa gave the main lecture entitled “Causes of catastrophic failure in earth dams: Priority and Sequences”.
- Short courses about “Foundation of structures” and “Excavations”

7.7 DOMINICAN SOCIETY FOR GEOTECHNICS, FOUNDATIONS AND MATERIALS - SOCIEDAD DOMINICANA DE GEOTECNIA, FUNDACIONES Y MATERIALES (SODGYM)

The SODGYM is led by Professor Luis Carpio, and is one of the newest societies in the region, only 3 years old. Nevertheless Professor Carpio has set a very particular dynamic to the Society.

- The Society created a handbook entitled “Behavior of Citizens under Earthquakes”, and undertook the translation of the “Soils Laboratory Handbook” from Professor Braja M. Das (USA).
- Together with the ISSMGE, the SODGYM organized a series of technical tours, seminars and courses.
- Organisation of a trip to Puerto Principe, Haiti, with Professors Briaud and Seco e Pinto, ISSMGE president and past president respectively of ISSMGE, and Prof. B. M. Das, in order to see the damage left by the Haitian Earthquake, in January, 2010, which had hundreds of thousands of victims and destroyed the city of Port-au Prince.
- The seminar on Earthquake Geotechnical Engineering in Santo Domingo. The Seminar was part of the Touring Lectures sponsored by the ISSMGE and participate also Prof. M. Maugeri (Italy).
- Professor Braja M. Das gave a lecture entitled “Poverty does not justify Mediocrity” in the auditorium of the Autonomous University of Santo Domingo.
- The “Presentation of the conclusions of the “1st. International Seminar on Earthquake Geotechnical Engineering and related problems in the Caribbean Dominican Republic”.

7.8 ECUATORIAN SOCIETY OF SOIL MECHANICS AND ROCKS - SOCIEDAD ECUATORIANA DE MECANICA DE SUELOS Y ROCAS (SEMSIR)

The SEMSIR was founded on May 10, 1961. Is a Scientific, non-profit and nongovernmental society dedicated to the

promotion of Science and Technology in Earth Sciences, linked to Civil Engineering, Geology and Environment.

- SEMSIR organize a series of Lectures on "Landslide and Slope Stability". The lecturers were:
 - Mr. Stalin Benitez: Landslides in the city of Guayaquil.
 - Mr. Xavier Vera G.: Analysis and geotechnical designs for mitigation in unstable banks of via Sabanetilla and Zaruma sector.
 - Mr. Miguel Chávez: Sliding hillside slopes, and soft soils/rocks of Ecuadorian coast.
- Lectures were "Introduction to Flexible Pavements". The lecturers were:
 - Mr. Alejandro Velasco Fili: Features, quality control and failure modes.
 - Mr. Victor Nuques: Design of the asphalt pavement structure.
- The third Lecture Series on "Earthquake and its Impact on Guayaquil", were given by:
 - Mr. Stalin Benitez Coast: Geology and Seismicity in Guayaquil.
 - Mr. Xavier Vera Grunauer: Performance and dynamic response of subsurface in the city of Guayaquil.
 - Mr. Alex Villacrés Sanchez: Structural vulnerability in the city of Guayaquil.
- Seminar on “Dynamic Methods for Testing and Analysis of Deep Foundations”, - the speaker was Mr. Camilo A Álvarez.
 - The last series of Lectures on "Geotechnical Aspects and Construction Processes on Bridges and Roads" were given by the following professors:
 - Mr. Nelson Caicedo Aspinall (CPR) and Mr. Victor Bastidas Serra (CPR): Foundations: Evaluation results regarding the design procedure by dynamic test results on-site application in the San Vicente Bridge.
 - Mayor Fausto Erazo (CIE): Bridges System and Roads in Esmeraldas.
 - Mr. Marcelo Romo and Colonel Pedro Mosquera Burbano (ICE): Project on Chone River estuary, San Vicente Bay Bridge.
- Session in the auditorium of the University of Guayaquil, in tribute to 50 SEMSIR and 75 anniversary of the ISSMGE.
- Second Conference of Geotechnical and Environmental Engineering Students and Young Engineers
- The V Ecuadorian Congress of Soil Mechanics. Quito and Guayaquil.

7.9 SALVADOR GEOTECHNICAL SOCIETY - SOCIEDAD SALVADOREÑA DE GEOTECNIA (SSG)

Professor Luis Pineda, the president of the SSG, takes part in the Pan American and South American representatives meetings.

- Colloquium about OPAMSS changes to the regulations of Slope Stability.
- Support the Ministry of Public Works for Post-Graduate Course on Slope Stability.
- Symposium on “Security Recommendations for Excavations”.
- Course on “Slope Stability in Soils and Rocks”, held in the Salvadorian Association of Engineers and Architects.
- Roundtable: “Recommendations for the Regulation of Foundations and Slope Stability in El Salvador”.
- Lecture Series on Geotechnical Engineering Experiences.

7.10 PARAGUAYAN GEOTECHNICAL SOCIETY - SOCIEDAD PARAGUAYA DE GEOTECNIA (SPG)

The Paraguayan Geotechnical Society (SPG) is involved in important internal changes. They are undertaking a review of the list of members, and working hard to involve new generations of geotechnical engineers. SPG had a significant history in the ISSMGE South American Region: they organised the Panamerican Conference in Foz de Iguacu, together with Argentina and Brazil, and held the First Meeting of Presidents of Geotechnical Societies of Mercosur, during 2003 in Asunción. The society has organised many conferences and seminars in the Sub Region, and Professor Bosio Ciancio was ISSMGE Vice President for South America for the period 2001-2005.

- Through a series of lectures the SPG have taken advantage of the construction of a "Waterfront Avenue" in Asuncion to present to the entire engineering community the newest technology that is being used.
 - "The Formation of Asuncion Bay"
 - "Dispersive Soils"
 - "Occurrence of soft rock in the Metropolitan Area of Asunción"
 - "Waterfront Avenue in Asuncion"
- The SPG works closely with the National Secretary for Emergencies looking technical responses to floods in coastal cities along the Paraguay River.
- The SPG has prepared a Handbook of Procedures for the Conservation of Retaining Walls of these coastal cities.
- The SPG has also organised local Symposiums, Courses and Seminars.

7.11 PERUVIAN GEOTECHNICAL SOCIETY - SOCIEDAD PERUANA DE GEOTECNIA (SPG)

The SPG historically was a very active society, hosting the Pan-American Conference on Geotechnical Engineering in 1979. Activity has declined in recent years.

- ISSMGE Touring Lecture - Lima, Perú, 6 - 7 January "International Seminar on Earthquake Geotechnical Engineering and Unsaturated Soils", with the following lectures:
 - Jean Louis Briaud (USA) – President ISSMGE: "Unsaturated Soils: Some Fundamentals and Some Applications"
 - Victor Rinaldi (Argentina) : "Effect of the Structure and Partial Saturation in the Deformational Behavior of Soils"
 - Nasser Khalili, (Australia): "Application of Effective Principle to Mechanics of Unsaturated Soils"
 - Roberto Terzariol (Argentina) - V.P South America ISSMGE: "Aspects of Earthquake Resistant of Shallow and Deep Foundations, and Retaining Walls - New Criteria and Standards in Argentina 2010".
 - Jorge E. Alva Hurtado (Perú) & Zenon Aguilar Bardales (Perú): "Advances in the Geotechnical Earthquake Engineering Study of the 2007 Peruvian Earthquake"
 - Susumu Yasuda (Japan): "Damage to Structures Due to Soil Liquefaction"
 - Pedro Seco e Pinto (Portugal) – Past President ISSMGE: "Eurocode 8 – Design Of Structures For Earthquakes Resistance-Geotechnical Aspects"
- The "Geotechnical Thursdays", held at the Council of Engineers of Peru. These conferences are given by recognized technical consultants, which are active

members of the Society and discuss various topics of interest for the public.

7.12 VENEZUELA GEOTECHNICAL SOCIETY - SOCIEDAD VENEZOLANA DE GEOTECNIA (SVG)

The SVG is an historic Society in our region. This Society has hosted the Pan American Conference twice, once in Caracas (1967) and the second in Isla Margarita (2007), as well as one of the regional Vice President of the region (Prof. Hiedra Lopez).

They are involved in a series of courses for the associated and engineers in general in order to improve the industry in geotechnical issues.

- The XIX and XX Venezuelan Seminar on Geotechnics. The Seminar's central issue was the study and solutions of practical cases. The event had mains lectures in honour to Gustavo Perez Guerra and Juan Francisco Lupini, given by Prof. N. Rodriguez and I. Contreras both from Venezuela.

8 MAIN REGIONAL CONFERENCES

The following Regional Events were organized in Toronto (Canada), with the support of the ISSMGE and the advice of Panam Committee, together with the 2 Vice Presidents from North America (Dr. G. Auvinet) and South America (Prof. R. Terzariol):

- 14th Pan-American Conference on Soil Mechanics and Geotechnical Engineering.
- 5th Pan-American Conference on Teaching and Learning of Geotechnical Engineering.
- 5 Short courses of interesting topics regarding, Foundations, Excavations, Geosynthetics, Dams, etc.
- 2 International Seminars named Casagrande and Hardy.
- The Casagrande Lecture given by Dr. Kerry Rowe.

Appendix 4. Innovation and Development (IDC) Committee

D. Zekkos

Chairman, IDC Committee

1 MEMBERSHIP

1.1 Board and Liaisons

Chair: Dimitrios Zekkos (USA) zekkos@geoengineer.org
 Primary Liaison: Charles Ng (Hong Kong) ceewwng@ust.hk
 Other liaison: Mike Davies (New Zealand)
michael.davies@auckland.ac.nz

1.2 Members (alphabetically)

James Blatz (Canada) blatzja@cc.umanitoba.ca
 Chung-Tien Chin (Taiwan) ctchin@cogen.com.tw
 Pierre Delage, (France) delage@cermes.enpc.fr
 Kok-Kwang Phoon (Singapore) kkphoon@nus.edu.sg
 Mohamed Al-Gharleb Sakr (Egypt) mamsakr@yahoo.com
 Fernando Schnaid (Brazil) fschnaid@gmail.com
 Devendra Singh (India) dns@civil.iitb.ac.in
 Sarah Stallebrass (UK) S.E.Stallebrass@city.ac.uk
 Ulrich Trunk (Germany) U.Trunk@kellerholding.com
 Eduard Vorster (South Africa)
Eduard.Vorster@af.aurecongroup.com.

1.3 Additional Members who Retired from the IDC to Assume other ISSMGE Leadership Positions:

Marc Ballouz (Lebanon) MBallouz@i-g-m.com (Vice Chair of IDC from 2009-2011) – Became Chair of the Public Relations Committee
 Michael Lisyuk (Russia) lisyuk@gmail.com – (Member of IDC from 2009-2011) Became Chair of the Corporate Associated Presidential Group (CAPG)

2 TERMS OF REFERENCE

The following terms of reference have been provided by the ISSME President and Board:

“The IDC will be the think tank of ISSMGE. Its task will be to think of ways to make ISSMGE progress in a manner which will increase its usefulness to the members and provide excitement for the future of geotechnical engineering in ISSMGE. Among the possible tasks are:

- Develop innovations to better serve our members and to increase the impact and influence of ISSMGE and the Geotechnical Engineer in the world.
- Develop ways to enhance the value of the web site as a technical resource worldwide.
- Develop ways for individual members to communicate with each other in a very easy fashion.
- Initiate the webinar series
- Create and select the recipient for a best innovator of the year award. This award will be given yearly. The award will consist of a certificate which will be given to the ISSMGE member receiving the award.
- Strengthen and bring to a steady state the International Journal on Geoengineering Case Histories. Cooperation with the Technical Oversight Committee (TOC) and

more generally all the Technical Committees (TC) is expected.

- Develop the Lexicon into an electronic tool available on the web site.”

3 TASKS

Based on the terms of reference and conference calls among the members of the IDC, the committee divided the tasks in two main categories:

- “Innovate by Action” (IBA) items: IBA items are activities that are valuable to the Profession and can be realized in the short term (6 months – 3 yrs). IDC can start work on these activities almost immediately and the ISSMGE board will easily support them.
- “Innovate by Vision” (IBV) items: IBV items are activities that require much longer time to be realized, (>2 yrs) and may encompass a number of IBA activities. Although the IDC can start working on these items too, many times they require moving the organization in a new direction, and thus deliberations by the ISSMGE Board and final approval is required. Most of them are expected to last beyond this Committee’s appointment. However, these activities are more likely to have a lasting impact to the Profession.

The IBA and IBV items that were identified by the IDC members as priority activities are shown in the Table below. The third column lists the tasks that were completed in the 2009-2013 tenure of this committee that contributed towards the IBA and IBV items.

Table 1: Identified IBA and IBV items and related completed tasks that contributed towards addressing these items

IBA/IBV Item	Topic	2009-2013 Related Task
IBA Item #1	Innovator of the Year Award	Task 1
IBA Item #2	Electronic Lexicon	Task 2
IBA Item #3	Webinars	Task 3
IBV Item #1a	ISSMGE website	Task 4
IBV Item #1b	Information Technology in Geoengineering	Task 5
IBA Item #4	Integrate ISSMGE – International Journal of Geoengineering Case Histories	Task 6
IBV Item #2	Explore/provide new tools/services to ISSMGE members	Tasks 2, 3, 4, 5 and 6
IBV Item #3	Increase awareness of ISSMGE among students and young geoengineers	Tasks 3, 4, and 5
IBV Item #4	Support developing Countries	Task 4, 5, and 6
IBV Item #5	Encourage industry sponsorship	Not explicitly pursued; item part of the MPAC Board-level Committee

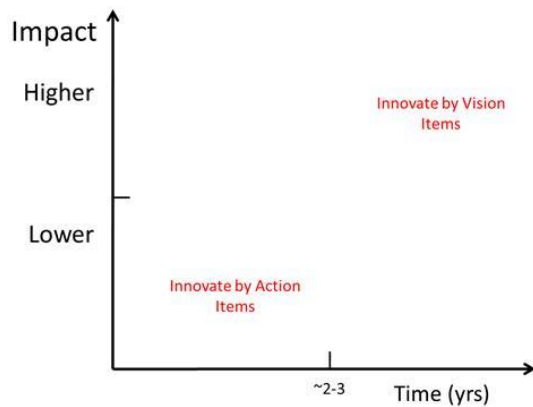


Figure 1 Schematic of categorization of IDC Activities.

4 2009-2013 COMPLETED TASKS

In the 2009-2013 period, the IDC Committee and its ISSMGE Liaison members held six conference calls using Skype. The purpose of the conference calls was to evaluate progress made on ongoing tasks and initiate new ones. In many cases, due to the significant local time difference among the committee members, deliverables and outcomes were commonly evaluated by e-mail exchanges among committee members.

The Committee started by addressing one-by-one the IBA and IBV items. For each task, an informal task force that consisted of members of the IDC as well as occasionally individuals that are non members of the IDC was formed.

4.1 Task 1: Innovator of the Year Award

Following the request by the President, the IDC prepared a proposal outlining the objective, description, rules, and submission requirements for this award. As outlined in the description "The ISSMGE Award for innovation in Geoengineering is awarded bi-annually to individuals or groups (researchers, consultants, contractors) in recognition of innovations in Geoengineering that have a pronounced impact on geoengineering practice, research and education. The term innovation is used broadly to describe any major unprecedented achievements that led to a major advancement in our Profession and ideally, covers the entire spectrum from fundamental science to application and implementation in construction/practice."

The IDC submitted its proposal to the President of the ISSMGE on August 23 2010. A Board-level Awards Committee was formed by the President and is chaired by Prof. François Schlosser and the IDC's role on this award was completed. The Awards Committee is now responsible for this and other awards.

4.2 Task 2: Development of an Electronic Lexicon

Per the President's request, IDC was charged with creating an electronic version of the ISSMGE Lexicon that was originally published in printed format in 1981 and included a total of 1592 terms in eight languages (English, French, German, Italian, Portuguese, Russian, Spanish, and Swedish).

First, the 1981 Lexicon was made available as a pdf file. This task was completed with the assistance of President Briaud and the pdf file is currently available on the ISSMGE website. Subsequently, the IDC, in collaboration with Geoengineer.org, developed an online platform for the electronic Lexicon. The Electronic Lexicon is one of the new Resource items in the ISSMGE website. The direct web address is:

<http://www.issmge.org/en/resources/lexicon>. The application allows users to search and select any term of the lexicon in any language. It outputs the translations of this term in all available languages. The application was designed so that it is expandable, i.e., more terms and additional languages can be added in the future.

The current version of the Lexicon (as of August 2013) includes a translation of the 1593 terms in a total of 13 languages. This included the digitization of the 1981 languages, and specifically, English, Spanish, Russian, German, Portuguese, Swedish, and French. The only language that has not yet been digitized from the 1981 lexicon is the Italian language. This work is ongoing by the Italian Geotechnical Society. In addition, the electronic Lexicon was expanded to include the following new languages: Turkish, Chinese and Chinese Simple, Japanese, Farsi (Persian), and Finish. Note that the translation of these terms is the outcome of the work by a large number of volunteers and Member Countries and all of them are acknowledged online. At least two more languages are currently being prepared: Arabic, and Greek.

4.3 Task 3: Webinars

Per the President's request, the ISSMGE Board expressed an interest in developing Webinars that would become available to its Member Countries and professionals worldwide. The IDC was charged with exploring the options available to the organization to achieve this and perform a feasibility study.

The IDC task force performed an extensive research of available webinar services. A set of recommendations were documented in a Webinar Services report and submitted to the ISSMGE Board in March 2011. To ensure the quality of the webinar services, a significant investment cost was deemed necessary to operate them. Following a request of the Board, a business plan was prepared and submitted to the Board for discussion on April 20th 2011. The Board proceeded with the recommendation. The company Webex was selected to provide the service for the webinars. To date, a total of 12 webinars were hosted with a large number of attendees worldwide. Upon completion of the webinars, the recorded lectures are made available through the new ISSMGE website at this direct web address:

<http://www.issmge.org/en/resources/recorded-webinars>. This database of webinars represents a major contribution of the ISSMGE to geo-education worldwide. The website data collected to date indicate that the webinars are the most popular content on the ISSMGE website.

4.4 Task 4: Development of new ISSMGE Website Architecture

The IDC spent considerable effort in developing a vision for the ISSMGE website and then proceeding with its upgrading. The focus of the IDC, per the ISSMGE Board request, was not on developing a new design for the website, but to upgrade the technical capabilities of the ISSMGE website to support new content. The new website is a step forward towards improving the content and impact of the ISSMGE website (term of reference "b"). The previous ISSMGE website did not have the capability to support webinars, the electronic lexicon and other online resources. With support from Geoengineer.org, the new website was launched in January 2013. In addition to including all previously available content, the new website:

- supports new, web-based, interactive tools, such as the Lexicon;
- has a first-level integration with the GeoWorld professional networking platform;
- makes available new resources such as webinars and recorded lectures, as well as other files. Presently, in addition to the 12 webinars, the ISSMGE website has

made available the 1st McLelland lecture organized by TC209 on Offshore Geotechnics;

- has an announcement board on the main page with “featured” content, that allows visitors of the website to quickly identify updates on the website;
- has links and announcements related to the ISSMGE International Journal of Geoengineering Case Histories;
- has an updated, easy-to-use conference and events database;
- has resources related to the ISSMGE foundation;

In addition, ISSMGE started collecting data about the visitors of its website. This data can be used for future assessments of popular website content and resources. Fig. 2 below illustrates the number of visitors of the ISSMGE website during the last year. It indicates that the ISSMGE website traffic has increased significantly. The most popular content is the webinars. In addition, GeoWorld (see Task 5) brings the most traffic to the ISSMGE website (excluding search engines).

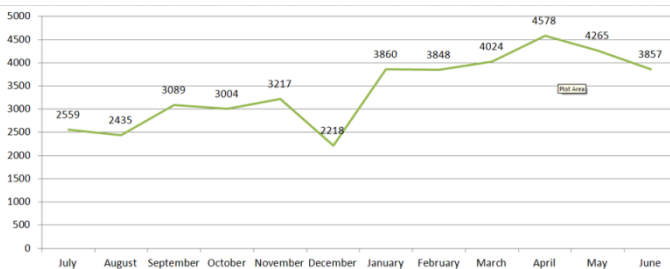


Figure. 2: Number of website unique visitors from July 1st 2013 to June 30th 2013. The new website was launched in January 2013.

In addition, the new ISSMGE website has the capacity to provide free space to all its committees that wish to use it. Currently, it already hosts the new website of the Corporate Associates Presidential Group.

Note that ISSMGE, as part of a signed partnership with Geoengineer.org has access to Information Technology staff (up to 8 hrs per week) to support the maintenance and potential upgrade of the ISSMGE website in the future. A printscreen of the new ISSMGE website is provided in Fig. 3.

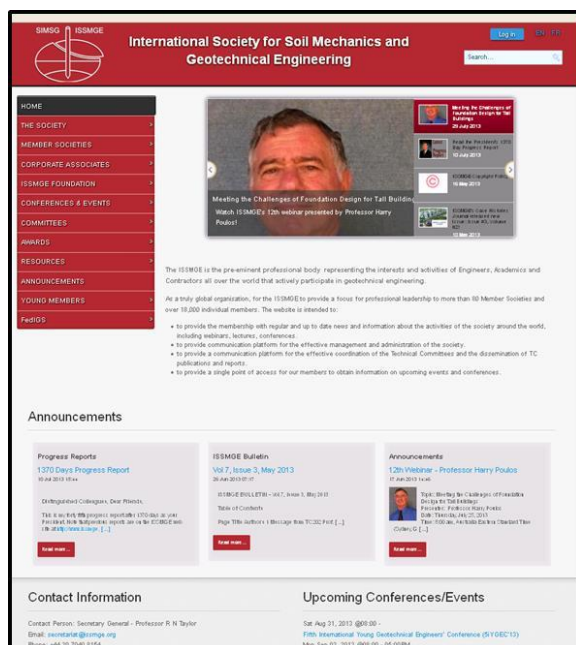


Fig. 3: A print screen of the ISSMGE website on August 7 2013.

4.5 Task 5: Development of GeoWorld, a Networking Platform for Geoprosessionals

The IDC recognized the need for ISSMGE to better use information technology tools in geotechnical engineering. This need is also the underlying theme behind terms of reference a, b and c. In addition, feedback from the Student and Young Members Presidential Group (SYMGP) indicated the need for online networking and web-based interaction among professionals. The IDC proposed the development of a modern IT platform that can support the efficient information dissemination in geotechnical engineering, will facilitate professional networking at a global scale and will allow ISSMGE to promote its activities, committees and resources. This platform, has been a work-in-progress for Geoengineer.org. The IDC proposed to support this platform and modify it to support ISSMGE’s needs. Following the President’s recommendation and the Board’s vote, this platform was partially funded by ISSMGE. ISSMGE and Geoengineer.org are thus the co-founders of GeoWorld, with ownership and liability remaining with Geoengineer.org.

GeoWorld <http://www.mygeoworld.info> was announced by the President in November 2011. In the less than two years since its launch, the platform has been enthusiastically supported by Professionals and already has more than 3,100 members. GeoWorld allows professionals, companies and organizations, to have an easy-to-use professional webpage at no-cost and use that to network with professionals at a global scale. All users can post announcements, publications, photos, videos, host a blog without any programming skills. A promotional video of GW can also be found on youtube here: <http://www.youtube.com/watch?v=MRYA-mMSGCw>

ISSMGE has also created a GeoWorld (GW) profile page (available here: <http://www.mygeoworld.info/profile/ISSMGE>) that is used to promote news of the organization as well as announce new content added on the ISSMGE webpage. Members of GeoWorld have been subscribing to ISSMGE’s GW page and have been automatically receiving updates from ISSMGE. This strategy has proven very successful. According to the website statistics of the ISSMGE website, GeoWorld has been the largest website traffic contributor to the ISSMGE website (not including search engines).

ISSMGE has also created group pages for each of its Technical Committees. Members of GW can subscribe to these pages and receive updates from the Technical Committee. However, few committees to date, have used their GW page to promote TC activities. The primary reason is probably that the leadership of the TC has not yet had the time to realize the usefulness of the TC GW groups. Thus, IDC released in August 2013 a guide for TC Chairs on why and how to use the GeoWorld TC Groups (Fig. 4).

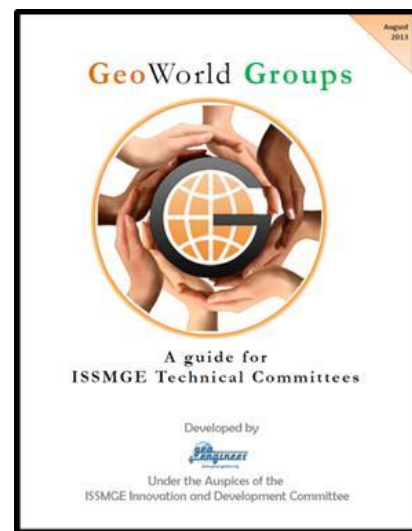


Figure. 4: View of the cover of the Guide for ISSMGE Technical Committees on GeoWorld Groups published in August 2013.

In addition to the unique networking opportunities provided by GW, there are some additional features that are really unique and valuable to Geo-professionals. One of them is GeoMap. GeoMap is an online mapping tool that allows registered guests to:

- See the location of all members of GeoWorld;

- b) See the location of all upcoming geotechnical engineering events;
 - c) See the location of all case histories published in the ISSMGE International Journal of Geoengineering Case Histories;
 - d) See the location of recent geotechnical news, as announced by the Geoengineer.org news center.
- A print screen of GeoMap is shown in Fig. 5.

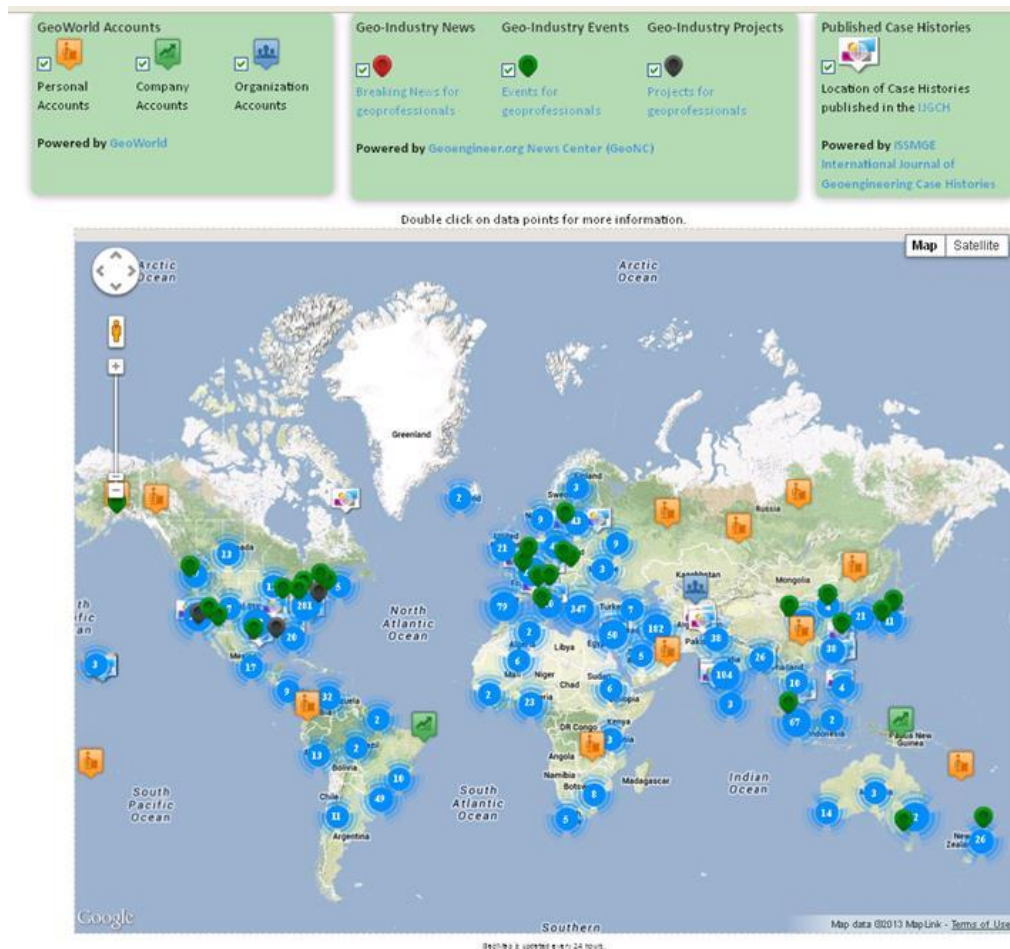


Figure 5: Print screen of GeoMap showing all members, news, events and case histories.

In addition, in July 2013, forums were developed in GW. The forums facilitate the exchange of technical discussions. Members can ask technical questions and receive responses from other members of GeoWorld. This feature was one of the requests of the SYMPG that is now supported by GeoWorld.

The IT opportunities created by GeoWorld are endless. Currently GeoWorld is being expanded to include a job opportunities section. Additional IT tools can be created and incorporated to GeoWorld to make a valuable contribution to the Profession.

4.6 Task 6: Integrate ISSMGE – International Journal of Geoengineering Case Histories

The IDC was charged with supporting the International Journal of Geoengineering Case Histories (terms of reference f). To that end, the IDC initiated efforts to interweave the journal with the ISSMGE activities. The journal has now a presence on the ISSMGE website and the ISSMGE Bulletin. Also, the IDC contacted each TC and requested to identify a representative who will operate as the tie between the journal and the TC and will support the journal. The "TC appointed representative" may help also support special issues on case histories related to the interests of the TCs. Currently about half of the Technical Committees have appointed representatives, although this list will need to be updated and expanded. These efforts need to be continued and expanded.

5 RECOMMENDATIONS FOR FUTURE WORK

The work by the IDC is anything but complete. With continuous technological advances, IDC has to play a key role in pushing-forward a technologically forward-looking agenda for the International Society. An example list of initiatives that the IDC can take is provided below:

- The Electronic Lexicon can and should be upgraded. Additional terms need to be added and more language translations can be incorporated. In addition, at this stage, the IDC did not focus on incorporating the translations of the various symbols and notation, that was included in the 1981 Lexicon. These can be incorporated also. The Electronic Lexicon can play a key role in establishing official translations of technical terms among various languages and, in that manner, support international collaborations in geotechnical engineering.
- GeoWorld can be expanded with even more members and incorporate new features. Needs of the professional related to networking and online collaborations can be supported by this platform.
- A new ISSMGE website may be designed. As discussed earlier, per the ISSMGE Board's instruction, the focus of the IDC was on improving the capabilities of the ISSMGE website without significantly affecting the ISSMGE website layout and design. As more content is continuously being added on the ISSMGE website, a re-design of the ISSMGE website may be warranted. Geoengineer.org staff will be available to assist in such re-design.

- The integration of GeoWorld with the ISSMGE website can be taken to the next level. Geotechnical engineers should be able to use their GeoWorld accounts to provide feedback on the ISSMGE website. Technical Committees have GeoWorld profile pages that properly used can help them outreach to the Profession.
- The IDC needs to continue to find better and improved strategies to integrate the International Journal of Geoengineering Case Histories with the ISSMGE organization, by involving ISSMGE-sponsored conferences, the ISSMGE Member Countries, and professionals and using its resources such as GeoWorld and the ISSMGE website. The journal can be better integrated with the ISSMGE organization.

6 CLOSURE

The work of IDC will never be completed. Additional innovations will create efficiencies in the professional activities of geotechnical engineers. They will create new opportunities, new ideas and new needs. These needs are global and ISSMGE is the premier organization to address them. It is our hope that this IDC committee has carved a new exciting direction for ISSMGE that will help the organization make lasting contributions to the profession. Subsequent IDC Committees can help the organization proceed in this direction. It has been our privilege to serve ISSMGE.

Appendix 5: International Journal of Geotechnical Case Histories

P. Sêco e Pinto

ISSMGE Immediate Past President

On March 2009 ISSMGE Board has taken the decision to consider IJGCH a journal of ISSMGE.

A volume was issued on September 2009 and a second volume on December 2009,

From January 2010 to the middle of 2012 IJGCH was not so active.

Following my appointment for IJGCH Editor-in-Chief, on the 2nd semester of 2012, I am trying to activate the Journal.

The Editorial Board was refreshed with new members covering different topics of Geotechnical Engineering and looking for a better geographical distribution and balance between males and females.

In addition a letter was sent to TCs chairpersons, as I believe that the role of the Technical Committees is important for the success of IJGCH.

IJGCH can be a space of scientific interaction, sharing of experiences and launching of innovative ideas to open new avenues.

It is my hope that the spirit of cooperation fostered by International Journal of Geoengineering Case Histories will encourage additional projects and will contribute to the advancement of the state-of-art and state-of-practice of geotechnical engineering, following Yeats message "The intellect of man is found to choose perfection of the life or the work".

As this world is moving in the direction of a global village there is a need of a universal knowledge and a permanent update and renewing.

Communication, transfer of experiences and information, discussions of the methodologies and results are the key words. In this geotechnical world that always change and progress we are facing new challenges. The scientific truth is not definitely achieved, demands from all of us a permanent and continuous effort.

A link was established between ISSMGE website and International Journal of Geoengineering Case Histories and the following information is given:

Mission and Areas of Interest

Characteristics of the Journal

Procedures for review and publication of submitted manuscripts

Editorial board membership

Present impact to the Professional.

This journal can make a difference to the profession since it is a non-profit effort and is suited to the needs of geo-professionals worldwide. It is a high quality, refereed publication, and is available at no cost online so that it can be easily accessible globally by practicing and research engineers that may not afford another journal subscription. The journal also focuses on the practice of the profession and the promotion of useful field data that typically do not get published. It allows

the use of colour photos, and papers are accompanied by digital data and online supplemental databases. Finally all projects are included in a google earth database. The journal is also indexed by the Georef database.

IJGCH is an opportunity for the Technical Committees to communicate their work to all individual members. Also ISSMGE should endeavour to increase the benefits to individual members of ISSMGE. This e-journal, without carrying any costs, can be easily accessed by all ISSMGE individual members and can contribute for a synergy between academic and industrial research and will implement co-operation between scientific and technological actors and companies to develop research projects with strong innovation effects.

It is important to communicate, to share experiences, to compare methodologies and to monitor the results. The benefits of an open dialogue between the academicians, the researchers, the practitioners, contractors and owners are huge.

This IJGCH is an opportunity for the Technical Committees to communicate their work to all individual members. Also ISSMGE should endeavour to increase the benefits to individual members of ISSMGE. This e-journal, without carrying any costs, can be easily accessed by all ISSMGE individual members.

Guest Editors were appointed and are responsible for special issues of IJGCH.

The support from the President, Regional Vice Presidents and TCs Chairpersons is crucial for the success of the Journal. Joining our efforts we will reach our goals and targets and contribute for the success of IJGCH and certainly for the unity and strength of ISSMGE.

Thanking in advance for your co-operation I would like to transmit a message of hope remembering the lines of Aristotle.

"We are what we do

Consistently,

So the excellence

Is not an act

But a practice."

Appendix 6: Report on Membership, Practitioner and Academic Committee (MPAC)

Report de la Comite Practitioner et Academique (MPAC).

H.G. Poulos
Chair MPAC

1 MEMBERSHIP

Harry Poulos – Chair (Australia):
harry_poulos@coffey.com
Luiz Guilherme de Mello - Vice Chair (Brazil):
lgmello@vectors.br
Peter Day – Secretary (South Africa):
day@jaws.co.za
Brian Simpson - (UK)
brian.simpson@arup.com
Manfred Nussbaumer - (Germany):
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emk2cm@yahoo.fr
Za Chieh Moh – (Taiwan):
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Dennis Becker- (Canada):
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Francois Baguelin – (France):
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Madhira Madhav – (India):
madhavmr@gmail.com
Jorgen Steenfelt – (Denmark):
IOS@cowi.dk
Kenji Ishihara – (Japan):
ke-ishi@po.iijnet.or.jp

Board Liaison:

Askar Zhussupbekov; Samuel Ejezie

2 TERMS OF REFERENCE

To stimulate interaction and cooperation between academics and practitioners within ISSMGE and to increase the participation of practitioners in ISSMGE activities.

3 STATED OBJECTIVES

3.1 MPAC Membership

- a) Develop a list of significant geotechnical (and other) companies that will be approached by the President and the MPAC Chairman to join as Corporate Members of ISSMGE. Each member of MPAC will be asked to provide names of suitable companies, and if possible, identify the most appropriate person to approach. We

should work on the basis that it is a privilege for a company to be asked to be a corporate member.

- b) Develop a list of benefits that ISSMGE will provide to Corporate members. These will focus largely (but not entirely) on extensive publicity (via ISSMGE publications and conferences), and networking opportunities through Corporate Member interaction. MPAC will be asked to suggest other means of “inducement”.
- c) President and Chair of MPAC to develop an invitation letter setting out the Terms and Conditions for Corporate Membership.
- d) This Corporate Group will be a source of funding for the ISSMGE Foundation.

3.2 Procedures for ISSMGE Conference “Bursaries”

- a) Decide on range of conferences for which bursaries will be awarded. Will they be only for International Conferences, or regional Conferences within the region of the recipient, or will they extend to any ISSMGE-sponsored conference?
- b) Develop criteria for selection of members to receive financial assistance (bursaries) to attend ISSMGE-sponsored conferences.
- c) Develop guidelines for selection of Member Societies that will be invited to nominate individual members for bursaries.
- d) Communicate with those Member Societies and receive feedback on the proposed scheme before procedures are finalized.

3.3 Develop a Corporate Associates Presidential Group

- a) Arrange for members of Corporate Associates to represent their organization on a group (CAPG) that has direct access to the President.

4 PROGRESS TOWARDS OBJECTIVES

4.1 MPAC Membership

- Corporate Members have been re-titled as “Corporate Associates”.
- We now have a total of 43 Corporate Associates, up from 21 prior to the formation of MPAC.
- A list of the current Corporate Associates (CAs), together with their logos and country of origin, is given in Appendix A to this report. Also shown are the

Corporate Associates at the time of the Council Meeting in Alexandria in 2009.

- Our target is 50 CAs by the end of the current Presidential term.

4.2 Conference Bursaries

- The formation of the ISSMGE Foundation has enabled these bursaries to be provided for several younger ISSMGE members from developing countries and from countries where conference funding is difficult to obtain.
- Each recipient has to file a report on their experiences and learning from the conference attended. These reports are published in the ISSMGE Bulletin.
- Guidelines for bursary recipients have been developed, including the requirement that a recipient shall normally be a financial member of ISSMGE.
- A sub-committee of MPAC has been formed to assess the applications and make recommendations for bursary funding.
- Thus far, 42 applications have been received, and 34 conference bursaries have been granted. This represents a success rate of about 80%.
- Further details of the ISSMGE Foundation, its donors, and the bursary recipients are given in Appendix B.

4.3 Corporate Associates Presidential Group

- This CAPG group has been formed, and has met, in person and via teleconference, on a number of occasions.
- The group is a means by which Corporate Associates can directly offer their opinions and advice on issues related to geotechnical practice and education, and on ways in which ISSMGE can advance the profession.
- This group is organizing a Plenary Session at the Paris conference.

5 FUTURE PLANS FOR MPAC

- MPAC should continue to try and increase the number of Corporate Associates to reach the target of 50 by the end of this Presidential term
- It should make efforts to increase the recognition of Conference Bursaries among the younger ISSMGE members.
- It should further encourage practitioners to participate in ISSMGE conferences and events.
- It should extend into the next Presidential term, and review its objectives and its mode of operation.

Appendix 7: Technical Oversight Committee Report to Council - Period from October 2009 to August 2013

S. Lacasse

Chair TOC

M. Jamiolkowski, K. Karlsrud, K. Soga

1 TERMS OF REFERENCE FOR TOC

The Technical Oversight Committee (TOC) has the mandate to oversee the technical activities of ISSMGE. President Jean-Louis Briaud created the TOC as a Board Level Committee. For the period 2009-2013, the TOC liaised with the ISSMGE Vice-Presidents, Professor Gabriel Auvinet and Professor Ivan Vaniček. The TOC reports to the ISSMGE Board. The ISSMGE President ratifies most of the decisions by the TOC. Figure 1 illustrates the TOC and the TCs in the ISSMGE organization and the lines of communication.

The activities overseen by the TOC include:

- The ISSMGE Technical Committees (TCs): TOC recommends the formation and dissolution of TCs, suggests TC Chairs and four key members on each TC to the ISSMGE President, and makes a decision on the Terms of Reference proposed by each TC Chair. The TOC has the responsibility to evaluate the work of the TOC on a yearly basis.
- ISSMGE conferences, in particular the quadrennial International Conference, and other ISSMGE conferences via a liaison person, with purpose to work closely with the organizing committee of the conference to provide assistance on the quality of the technical contributions and, where possible, to involve the TCs in the program of the conference.
- Any other oversight effort dealing with the technical activities of ISSMGE.

The primary mission of the TOC is to maintain/confirm the quality of the TCs' composition, work plans and results.

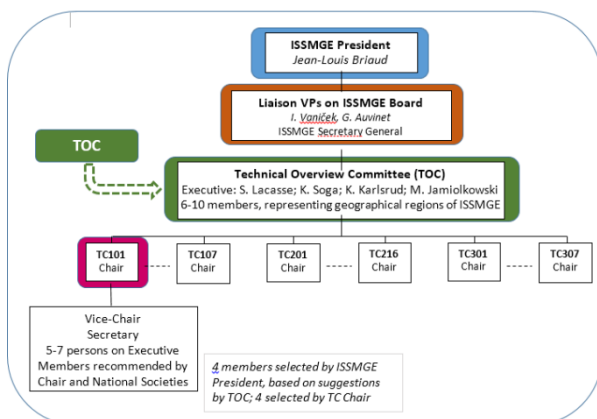


Figure 1. Technical Oversight Committee (2009-2013) in ISSMGE organization

2 COMPOSITION OF TOC

The members of the TOC are representatives from six regions of the ISSMGE. The TOC is composed of an executive with four members and eight additional members. Originally, there were nine members on the TOC, but Dr. Anwar E.Z. Wissa (USA/Egypt, from Ardaman & Associates, Orlando Florida USA) unfortunately passed away mid-term. The TOC decided not to replace Dr. A.E.Z. Wissa.

Table 1. Composition of the ISSMGE Technical Oversight Committee (2009-2013).

Name	Function	Country	Affiliation
Suzanne Lacasse	Chair	Norway / Canada	NGI
Kjell Karlsrud	Co-Chair	Norway	NGI
Michele Jamiolkowski	Vice-chair	Italy	Politecnico di Torino/ Studio Geotecnico Italiano
Kenichi Soga	Secretary	UK / Japan	Cambridge University
Mounir Bouassida	Member	Tunisia	National Engineering School of Tunis
Jonathan Bray	Member	USA	Univ. California Berkeley
Mark Cassidy	Member	Australia	Univ. of Western Australia
Antonio Gomes Correia	Member	Portugal	University of Minho
Hungsung S. Lee	Member	South Korea	Hyundai Co.
Ramon Verdugo	Member	Chile	University of Chile
Yoichi Watabe	Member	Japan	Port and Airport Research Institute
Sherif Wissa Agaiby	Member	Egypt	Univ. of Cairo / Dar Al-Handasah Consultants

3 ACTIVITIES PRIORITIZED BY TOC

The TOC concentrated its efforts on the following aspects:

- Creation and organization of TCs
- Revision of Guidelines for ISSMGE Technical Committees
- Simplifying the initialization of the TCs with each incoming ISSMGE President
- Quality of TCs and TC work
- Periodical evaluation of the work by TCs
- System for Honours Lectures established by the TCs

- System to liaise between TOC and organization/scientific committees of ISSMGE conferences
- Recommendation on whether future ISSMGE Board should have a TOC

4 REPORT ON ACTIVITIES OF TOC

4.1 *Creation and organization of TCs*

There are 30 Technical Committees per 2013-08-01. In early 2010, the TOC organized the Technical Committees in three categories:

- TCs on Fundamentals (7 committees),
- TCs on Applications (16 committees),
- TCs on Impact on Society (7 TCs)

Appendix A lists the TC's and respective chairs as of 2013-08-01. Each TC was also assigned a Liaison from the TOC. The chairs, and therefore the hosting Member societies, belong to all of ISSMGE regions.

Based on feedback from the TC chairs and ISSMGE members of the TCs, the new categories and new numbering seemed to please the ISSMGE members and made the understanding of the technical content of each TC more accessible to everyone. Several expressed the desire to keep the past and new numbering for describing the TCs. For this reason, the old TC numbering can still be found in some of the reports of the TCs.

Twenty TCs were continued from the earlier ISSMGE presidency term: TC101 Laboratory testing, TC102 In situ testing, TC103 Numerical methods, TC104 Physical modelling, TC105 Geomechanics, TC106 Unsaturated soils, TC202 Transportation, TC203 Earthquake, TC204 Underground construction, TC205 Safety and serviceability, TC206 Interactive design, TC207 Soil-structure interaction, TC211 Ground improvement, TC212 Deep foundations, TC213 Soil erosion, TC214 Soft soils, TC215 Geo-environmental, TC301 Historic sites, TC302 Forensics and TC304 Risk. Eight of these TCs had new chairs from 2010. One TC was discontinued: "Dealing with sea level changes and subsidence" (no country was willing to host the TC, and no chair could be found).

In 2010, TOC created, or reinstated after a lapse of 4 or 8 years, nine TCs: TC107 Lateritic soils, TC201 Dykes and levees, TC208 Stability natural slopes, TC209 Offshore geotechnics, TC210 Dams, TC216 Frost, TC303 Hurricanes and floods, TC305 Megacities and TC306 Geo-education. A tenth TC was created in 2012, TC 307 "Sustainability in Geotechnical Engineering".

During the period 2009-2013, the TOC had to change the Chair of four TCs, due to chairs resigning because of health reasons or changing employer. Otherwise, all the chairs assigned in early 2010 continued in their functions. Medio August, the Chair of TC302-Forensics, Dr V.V.S. Rao (India) recommended passing on the Chair of his TC to Professor GLS Babu, who is presently secretary of TC 302. The host Member Society remains India. The TOC approves of this change.

In August 2013, came a proposal to form a new TC. TOC approves of this new TC and recommends its creation. Then new TC would be TC 217 "Energy Geotechnics". The new TC was proposed by Professor Marcelo Sanchez from Texas A&M University, who would also act as the Chair of the new TC. The TC would be hosted by the US Member Society. The new TC will be tabled for approval at the ISSMGE Board meeting on 31st August 2013.

4.2 *Revision of Guidelines for ISSMGE Technical Committees*

The revised guidelines can be found in Appendix B. The main changes, relative to earlier guidelines, include:

- The activities of the TCs and the Chair of the TC continue their work independently of the election of the ISSMGE president. The Chair continues his work through the change in ISSMGE President, until otherwise directed by the President. The ISSMGE President retains the power to create or dissolve a TC, but the life of a TC is disconnected from the term of the ISSMGE presidency (see also next section).
- A new TC can be proposed by ISSMGE members and/or Member Societies at any time, and not just at the start of a new ISSMGE presidency.
- The TC does not have core members, but rather an executive and persons responsible for the Task Forces defined in the TC's Terms of References. The Chair nominates up to four members of the TC, and the ISSMGE President can nominate up to four members.
- Corresponding members having exceptional competence are allowed on the TCs, even if they are not member of the ISSMGE.
- The Terms of References for the TC have been summarized in four objectives (details in Appendix B):
 1. Disseminate knowledge and practice within the TC's subject area to the membership of the ISSMGE.
 2. Establish guidelines and technical recommendations within the TC's subject area.
 3. Assist with technical programs of international and regional conferences organized by the ISSMGE.
 4. Interact with industry and overlapping groups working in areas related to the TC's specialist area.
- The Chair is encouraged to develop Task Forces for specific activities and assign the responsibility to TC members to lead these activities.
- The term of a TC Chair is 4 years, and can be renewed once or twice. An out-going Chair makes a recommendation for the next Chair to the ISSMGE President.
- The TC has responsibility to synthesize the knowledge in its area in a form easily accessible to the geotechnical profession and ISSMGE members. There should be a balance between the academic research and the translation of research findings into practice.
- Procedures were established for the follow-up of non-responding members on the TC.
- The TC shall establish a system to save its work on the web, with links to the ISSMGE and GeoWorld sites..

4.3 *Simplifying the initialization of the TCs with each incoming ISSMGE President*

An enormous amount of work was required for the start-up of the TCs after the election of the ISSMGE President in 2009. The TCs had lost their momentum, there were endless discussions about Chairs, and the selection of members on the TCs and the communication with the Member Societies took a long time. It took 8 months to restart the TCs in 2009/2010.

To reduce the uncertainty between presidents, and the loss of valuable "technical" time, the TOC recommended and the ISSMGE Board made the decision in 2011 that the TCs would continue to operate "between" Presidents. The TCs continue during the President transition and until the President chooses to terminate a Chair or a TC or both.

The ISSMGE President retains the authority to change Chair, discontinue a TC or create new TCs at any time. However, without specific action from ISSMGE, the TC Chair and the TC continue their work. In the TC guidelines (Appendix B), one can read: "The activities of the TCs and the Chair of the TC continue their work independently of the election of the ISSMGE president. The Chair continues his work through the change in ISSMGE President, until otherwise directed by the President. The ISSMGE President has the power to create or

dissolve a TC, but the life of a TC is disconnected from the term of the ISSMGE presidency."

4.4 Quality of TCs and TC work

As mentioned in the Terms of References above, the TOC's primary mission is to maintain quality of the TC executive, work plan and the work done by the TCs. Before 2009, one ISSMGE Board member had the responsibility to ensure the quality of the TC work. The change brought on by the TOC contributed to set focus on the objectives and work plans of each TC, and the quality of the products of the TCs, as well as increasing the visibility of the TCs. The TOC believes that this effort should be sustained.

The TCs are one of the important ISSMGE tools to reach its members. The TCs contribute to the technical, administrative and outreach development of its members and to advancing the state of knowledge in the subject area of the TC. In a sense, the TOC was created to free the ISSMGE Board from the responsibility of quality control of the TCs, even though the TCs are one of the most important instruments of the ISSMGE.

The TOC perceives, although this is based on the TOC members' opinion, that the existence of TOC has led to an increased incentive on the TCs to produce results. The TOC suggests that an oversight committee à la TOC is key to continuing improvement of the technical contributions through the ISSMGE TCs. TOC does not believe, however, that it is necessary to have a large committee to do this. It is therefore necessary to reflect on the number of people who would be required to do the quality control of the TC.

4.5 Periodical evaluation of the work by TCs

During the term of the TOC mandate, evaluation of the progress of the TOC was done in 2010 and late 2011, and lastly in connection with the ranking of candidate for the Best TC Award. Each TC was also asked to report its progress by June 2013 in time for the Paris Council meeting in September 2013. All TCs were required to have a web site.

During the 4 years, one TC Chair had to be warned because of lack of progress.

Otherwise, the very large majority of the TCs worked very well, conducted successful conferences and produced excellent overview papers and documents. Only a few of the TCs had limited activities, and the role of the TOC in this respect was limited, except in the start-up of the TCs.

4.6 System for Honours Lectures established by Technical Committees

On initiative from several Technical Committees, the ISSMGE established nine Honours Lectures. The following Honours lectures exist per 2013-08-01 (eight will be presented at the 18th ICSMGE in Paris):

TC101 - Bishop Lecture (Lab testing)
 TC102 - Mitchell Lecture (In situ testing)
 TC104 - Schofield Lecture (Physical modelling)
 TC203 - Ishihara Lecture (Earthquake)
 TC204 - Fujita Lecture (Underground construction)
 TC209 - McClelland Lecture (Offshore)
 TC211 - Ménard Lecture (Soil improvement)
 TC211 - Kerry Rowe Lecture (Geo-environmental)
 TC301 - Kérisel Lecture (Historic sites)

The TOC recommended that the creation of the Honours Lectures and the selection of the Honours Lecturer be a transparent process. TOC established guidelines for the naming the Honours Lectures and for the selection of the Honours Lecturer to ensure that the ISSMGE and TCs have the same understanding of the process and selection criteria. The

guidelines are included in the Guidelines for ISSMGE Technical Committees (Appendix B).

4.7 System to liaise between TOC and organization/scientific committees of ISSMGE conferences

Assigning Liaisons from the TOC to the Organising/Scientific Committees of smaller ISSMGE Conferences proved to be less successful than originally expected. In most cases, the conferences managed very well without external help from the TOC. The purpose of these Liaisons was to increase a culture for involving ISSMGE and the TCs. The involvement of the TCs is much more recognised in 2013 than in 2009, also thanks to the 18th ICSMGE in Paris and the technical program developed. The TOC does not see the need for continuing with ISSMGE conference Liaisons. ISSMGE has already conference manuals and guidelines, and experience shows that the conferences are, in general, well run.

5 RECOMMENDATIONS

- The TOC function should be used in the future as an assistance to the ISSMGE Board to contribute to maintaining the quality of the work of the Technical Committee. Given the newly adopted continuity of the Technical Committees, the amount of work required of the TOC should be lighter than it was in the period 2009-2011.
- The Executive of the TOC could consist of a group of one person from each of the ISSMGE regions, so ideally two persons from the Americas, one from Europe, one from Asia, one from Africa and one from Australasia. A few additional persons should be associated to the TOC with the specific purpose of following-up a limited number of TCs, e.g. 4 TCs per person. Alternatively, the follow-up of the TCs could be assumed by the 6 carefully selected and technically able persons on the Executive (meaning about 5 TCs per person to follow up).
- The TOC should continue to report to the ISSMGE President.
- The ISSMGE Vice-Presidents (VP) for each region should become members ex officio of the TOC to be kept abreast of the activities of the TCs in their region. The ISSMGE Regional VPs would come in addition to the Executive, but would not have the same TC follow-up responsibility as the other Executive members.
- The reporting function from the TCs to TOC and the ISSMGE Board should be taken over by the ISSMGE Secretariat. TOC would provide an input to the contents of the progress report. Reporting to ISSMGE should be kept biennial. The TOC Executive members should do their liaison and progress monitoring work with the TCs at approximately every 4 to 6 months.
- The TOC Chair was one of the members evaluating the candidates for the ISSMGE Best TC Award. The selection of the best TC Award should be based on nominations from the TOC, the ISSMGE Board or persons having close knowledge of the achievements of a TC. The nomination process, as done today, initiated by the TC Chair and sent off by the hosting Member Society, is bureaucratic and requires much time from the TC Chairs who are already giving much free time to the ISSMGE. The process has also an inward aspect that proved unappealing to many Chairs, including the Chairs of some of the best TCs.
- An archiving system for the work by the TCs (technical and administrative) should be included in its web site and linked to the ISSMGE web site. This is not done sufficiently today and should be a priority for the next period. Dissemination of information on the TCs and technical achievements should be included in the Geo World platform.

- Based on experience with TC208-Stability of natural slopes, the TCs should consider holding, if appropriate, "public meetings" at relevant well-attended international conferences with delegates from different spheres of the geosciences to discuss issues of common interest. Such an initiative nurtures new ideas for the TC and favours a wider circle of influence for the TC work.
- The Liaison function to ISSMGE conferences run by TCs established by TOC should not be continued.

- The new numbering and categorisation of the TCs according to content should be adopted throughout, and the old TC numbers should not be used any more
- The main recommendations made to the ISSMGE Council in August 2013, in succinct form, are presented in Appendix C.

Appendix A List of ISSMGE TC's, Chairs and Liaisons per 2013-08-01

<u>TC Number</u>	<u>TC Short Name</u>	<u>TC Chair</u>	<u>Host country</u>	<u>TOC Liaison</u>
CATEGORY FUNDAMENTALS				
TC 101	Laboratory Testing	H. di Benedetto	France	Watabe
TC 102	In-Situ Testing	P. Mayne	USA	Lacasse
TC 103	Numerical Methods	K.T. Chau	Hong Kong	Soga
TC 104	Physical Modelling	C. Gaudin	Australia	Cassidy
TC 105	Geo-Mechanics	M. Bolton/M. Hyodo	UK/Japan	Cassidy
TC 106	Unsaturated Soils	E. Alonso	Spain	Correia
TC 107	Lateritic Soils	K. Ampadu	Ghana	Bouassida
CATEGORY APPLICATIONS				
TC 201	Dykes and Levees	M.A. Van	The Netherlands	Karlsrud
TC 202	Transportation	A. Gomes Correia	Portugal	Sherif Wissa
TC 203	Earthquake	K. Pitilakis	Greece	Bray
TC 204	Underground construction	R. Kastner/A.Bezuijen	The Netherlands	Karlsrud
TC 205	Limit State	B. Simpson	UK	Sherif Wissa
TC 206	Interactive Design	K. Been/A. Ho	Canada/Hong Kong	Jamiolkowski
TC 207	Soil-Structure interaction	V. Ulitsky	Russia	Bray
TC 208	Stability natural slopes	J. Fannin	Canada	Hongsung
TC209	Offshore Geotechnics	P. Jeanjean	USA	Lacasse
TC 210	Dams	Xu Zeping	China	Lacasse
TC 211	Ground Improv'nt	S. Varaksin	France	Correia
TC 212	Deep Foundations	R. Katzenbach	Germany	Jamiolkowski
TC 213	Soil Erosion	M Heibaum	Germany	Bouassida
TC 214	Soft Soils	J.L. Rangel	Mexico	Sherif Wissa
TC 215	Geo-Environmental	M. Manassero	Italy	Soga
TC 216	Frost	A. Instanaes/M. Vogler	Norway/Germany	Karlsrud
CATEGORY IMPACT ON SOCIETY				
TC 301	Historic Sites	C. Viggiani	Italy	Jamiolkowski
TC 302	Forensic	V.V.S. Rao	India	Sherif Wissa
TC 303	Hurricanes and Floods	Susumu Iai	Japan	Bray
TC 304	Risk	K.K. Phoon	Singapore	Cassidy
TC 305	Megacities	A. Negro	Brazil	Verdugo
TC 306	Geo-Education	M. Jaksa	Australia	Soga
TC-307	Sustainability	D. Basu	Canada	Lacasse

*TC 308 (Energy Geotechnics) was created by the ISSMGE Board, 31 August 2013.

Appendix B GUIDELINES FOR ISSMGE TECHNICAL COMMITTEES (September August 2013)

The guidelines provide a framework for the functioning of Technical Committees (TCs) within the ISSMGE. They should be read in conjunction with ISSMGE statutes and by-laws, extracts from which are given at the end of this document. The ISSMGE has between twenty and thirty technical committees, each dealing with specific subject areas in the field of geotechnical engineering.

The mission of the technical committees is to provide a forum for active participation by the individual members of ISSMGE, and to promote the objectives, activities and results of the technical committees throughout the ISSMGE membership. The committees are a meeting arena for discussing, developing and applying specialist geotechnical knowledge related to the behaviour of geo-materials, geotechnical engineering and engineering for society..

OBJECTIVES

The objectives of a technical committee are to:

- Objective 1: Disseminate knowledge and practice within the TC's subject area to the membership of the ISSMGE.
- Objective 2: Establish guidelines and technical recommendations within the TC's subject area.
- Objective 3: Assist with technical programs of international and regional conferences organized by the ISSMGE.
- Objective 4: Interact with industry and overlapping groups working in areas related to the TC's specialist area.

CREATION AND DISSOLUTION OF TECHNICAL COMMITTEE

Technical committees are created at the behest of the President of the ISSMGE. At the commencement of the Presidential term, the President reviews the list of technical committees and may create or dissolve some of the committees. The topics and number of TCs are set to meet the perceived needs within the geotechnical community. ISSMGE members may also request the President to consider the formation of a new technical committee.

The activities of the TCs and the Chair of the TC continue their work independently of the election of the ISSMGE president. The Chair continues his work through the change in ISSMGE President, until otherwise directed by the President. The ISSMGE President has the power to create or dissolve a TC, but the life of a TC is disconnected from the term of the ISSMGE presidency.

A new TC can be proposed by ISSMGE members and/or Member Societies at any in time, and not just at the start of a new ISSMGE presidency.

The ISSMGE President may elect to dissolve any technical committee whose mandate has been fulfilled or one that is perceived as being inactive.

MEMBERSHIP

All office bearers and members of TCs must be members of the ISSMGE and must remain in good standing throughout their term of service. Exceptions can be made in cases where particular expertise outside of soil mechanics and geotechnical engineering is required for continued knowledge development of a TC. Such exceptions must be approved by the TOC.

An ISSMGE member can belong to more than one TC.

TC Chair and Secretary

When creating a TC, the President invites a Member Society to take responsibility for the specific committee and will normally suggest who should chair the committee. The TOC suggests to the President the host country and the chair for each committee. The Member Society takes responsibility for providing the Chair and the necessary administration to ensure efficient operation of the committee. The ISSMGE President will consider regional representation in the choice of the host country.

The choice of a suitable Chair is crucial to the good operation of the committee. The chair should have sufficient knowledge of the subject area, should be well respected in the geotechnical community and should have a firm commitment and the necessary capacity to organize the activities of the TC.

The term of a chair is 4 years, and can be renewed. Normally, the number of terms is limited to two or three. At the end of the term of a Chair, the Member Society hosting the TC can propose to the President a new chair from its country. An out-going Chair, the TC's Chair is to suggest to the TOC and the ISSMGE President one or several candidates to take over the TC chairmanship.

The Chair selects the Secretary for the TC. The Chair can nominate the Secretary and/or a Co-Chair from another Member Society.

In some instances, it may become necessary to appoint a new Chair partway during the term of a ISSMGE President. The ISSMGE President and the TOC should be advised of such circumstances as soon as they become apparent.

The TOC may suggest to the ISSMGE President to replace a Chair who is "not active". Only the President can replace a TC Chair. The Host Member Society may also be changed by the President. The term "not active" means one not responding to queries by the ISSMGE President, Vice-Presidents, Secretary General or the TOC, not showing satisfactory progress, not following the guidelines for the TC's or not responding within agreed deadlines.

Membership

The Chair can nominate up to four members of the TC, and the TOC can nominate up to four members. The Chair and the TOC submit the nominations to the President for approval. The Secretary General then invites each Member Society to nominate up to two (2) members to serve on the TCs. Nominations should be sent to the Secretary General accompanied by a brief (maximum one (1) page) CV and confirmation by the Member Society that the nominee is a member of the ISSMGE. Only those Member Societies in good standing with the ISSMGE may submit nominations.

The Chair of the TC reviews the list of nominees and invites individual members to join the TC. Reasonable effort should be made to include one nominee from each Member Society unless the Chair regards the nominee as unsuitable.

The Chair submits the list of TC members to the Secretary and President of the ISSMGE. The President may intervene if he/she regards the selection of members to be inappropriate. The Chair then sends an invitation to each TC member to confirm their availability and their willingness to join the TC. Thereafter, the Chair advises the Secretary General of the final composition of the TC. The process of forming the TC should generally be completed within three months of the appointment of the Chair. The Secretary General advises all Member Societies of the composition of each of the TCs.

The TCs can have Corresponding Members. A Corresponding Member of a TC is a member appointed by the TC Chair solely to help the TC to execute technical activities. The member will have a specific task defined by the TC. Once the task is completed, the Corresponding Member will be removed from the status of the corresponding member. The Corresponding Members can attend TC meetings but do not

have voting right. Considering that some of the TC's deal with multidisciplinary problems, the chair, exceptionally, can appoint a non-ISSMGE Corresponding Member, provided he/she is an internationally recognized expert able to contribute significantly to the TC activities.

The TC members have the duty to respond when asked to do so and to carry out delegated activities as agreed. The TC Chair may suggest to the ISSMGE President to remove or replace TC members who are not "active". Only the President can remove or replace a TC member. The term "not active" refers to non-responsive members within the time frame set by the Chair unless good reasons exist for the lack of response.

In the case of non-responding members on the TC, the chair should have follow-up with three steps: Chair first contacts member itself; if no response, Chair contacts Member Society, asking Member Society to verify status and, if necessary, to replace member.

Involvement of Industry

The ISSMGE caters for the needs of all members of the geotechnical community. The composition of TCs should ensure a mix of academics, researchers and practitioners on the committee appropriate to the subject area of the TC. As a guideline, practitioner involvement should preferably exceed 25% on any TC increasing to 50% or more in the case of TC of a mainly practical nature.

The Chair of the TC should likewise be drawn from a sector of the profession appropriate to the subject area of the committee.

ACTIVITIES OF TECHNICAL COMMITTEES

Terms of Reference and Task Forces

At the commencement of the TC's activities, the Chair submits the Terms of Reference (work plan and proposed deliverables) to the TOC for approval. The TOC consults with the ISSMGE President on the scope of work and reverts to the Chair with comments. Once approved, the Terms of Reference are circulated to the TC membership by the Chair. The Secretary General will advise Member Societies of the Terms of Reference of all TCs and update the ISSMGE website as they become available.

The Term of Reference should include activities contributing to achieving the following aims:

Objective 1

Disseminate knowledge and practice within the TC's subject area to the membership of the ISSMGE:

1. Organize specialty conferences, symposiums and workshops.
2. Encourage preparation of keynote lectures, state-of-the-art lectures including new technology, general reports for conferences organized by the International Society, regional conferences and conferences organized by Member societies.
3. Develop ideas for broad participation of ISSMGE individual members through, for example, prediction events, surveys, or other means.

Objective 2

To establish guidelines and technical recommendations within the TC's subject area:

1. Collect available standards, codes, and guidelines, and translate non-English ones into English if necessary.
2. Prepare overview of the standards, codes, and guidelines.
3. Evaluate the similarities and the differences.

4. Make guidelines and recommendations for practice (can be methodological ones for new complex problems and/or technical ones for specific items).

Objective 3

Assist with technical programs of international and regional conferences organized by the ISSMGE:

1. Promote to present the findings of the TC in main sessions and discussion sessions.

Objective 4

Interact with industry and overlapping organizations working in areas related to the TC's specialist area:

1. Identify overlapping organizations and decide how to interact with them.

The work of the TC commences as soon as possible after approval of the Terms of Reference by the Technical Overview Committee and the President. Both the TOC and the President can require changes to the terms of references.

The Chair is encouraged to develop task forces for specific activities and assign the responsibility to TC members to lead these activities. These TC members will be called "Leader" of the "titled" Task Forces of that TC. The Leaders of the Task Forces of a TC together with the Vice Chair and the Secretary form the Executive of the TC.

The Chair is to submit a list of proposed TC meetings to the TOC. Although these meetings may change, it is important to notify the general membership at an early stage of potential meetings to allow for appropriate planning and coordination of ISSMGE events.

Responsibilities of TC

A TC is responsible for discussing, advancing and developing knowledge in its specialist subject area. Wherever possible, it should seek to synthesize this information into a form that is of use to the geotechnical profession and to disseminate it to the membership of the ISSMGE. There should be a balance between the advancement of academic research and the translation of appropriate research findings into practice.

Activities

Technical Committees may use a variety of means for achieving their objectives. Typically these would include specialist discussions, symposia, academic/practitioner forums, specialty conferences, surveys, etc. Active involvement by the TC in International and Regional Conferences organized by the ISSMGE is strongly encouraged.

All conferences, symposia etc organized under the auspices of the TC must adhere to the principles set out in the ISSMGE conference manual. The TC shall seek approval from the President and Secretary General before it gives official endorsement to any conference or activity organized by bodies outside the ISSMGE.

The TC shall establish a system to save its work on a web site. Links should be made with the ISSMGE and the GeoWorld sites.

Deliverables

The terms of reference of the TC should include tangible deliverables such as reports, seminars and proceedings or other visible output. Particular emphasis should be placed on co-ordination of research efforts and the translation of research findings into practice.

Each TC is required to submit two reports to the ISSMGE Board: an interim report in time for the mid-term Council meeting, and one administrative report six months prior to the International Conference for presentation at the Council meeting. Both reports are to be submitted to the TOC and to the Secretary General. In addition, a short progress report to the

TOC is required once a year, as required for reporting to the ISSMGE Board. The format for the two administrative reports and the annual progress report will be provided by ISSMGE.

HONOURS LECTURES ESTABLISHED BY TECHNICAL COMMITTEE

Criteria and process for creating and naming Honours Lectures
The initiative for establishing an Honours Lectures should normally come from a TC. If a new Honours Lecture is proposed by others to ISSMGE, the President is to select a TC to deal with the matter.

The TC proposing an Honours Lecture shall have the support of at least 75 % of its Members for creating the Lecture before it can send the proposal to the ISSMGE President. In that process, the TOC shall have the possibility of providing its opinion before the President and the Board approves or rejects the proposal.

As part of establishing an Honours Lecture, a decision will be made on the frequency (yearly, biennially or at other intervals), as well as the venue for the lecture. The venue shall be within a regular conference arranged by a TC and/or the ISSMGE. The criteria for selecting the Topic and Name of the Honours Lecture include:

1. The Topic of the Honours shall lie within the topic of the TC.
2. The Honours Lecture shall contribute to enhance the knowledge dissemination within the field of a TC.
3. The Name of the Honours Lecture shall be the name of a person (or several persons) who contributed significantly and undisputedly to the field of the Topic. This person should also have played an active role in disseminating his/her works through publications and lectures. The person may be alive or dead.
4. The TC should prepare a list of three alternative Names for the Lecture. The proposed Name shall be decided by simple majority by the TC members. The proposed Names shall be let known to the TOC and the ISSMGE President. The President may propose other Names based on input from the Board and the TOC. The TC shall be informed about the alternative names, and have the opportunity to comment. The final decision on the Name of the Honours Lecture lies with the President.

The lifespan of an Honours Lecture shall be a minimum of 8 years. If extended beyond that, it shall be dealt with as a new Honours Lecture. If a TC is discontinued, the Honours Lecture is also discontinued.

Criteria and process for the selection of the Honours Lecturer

The TC recommends the name of the Lecturer. In that process, the TC shall consider at least three alternative candidates. All TC members can propose candidates. The TC members shall rank the candidates. All TC members shall have the opportunity to vote via e-mail on 2-week notice. The selected candidate shall have the support of at least 50 % of the TC Members.

The Lecturer shall be a member of the ISSMGE and be recognized as a national or international expert within the field of the Topic. This would normally mean that the Lecturer has published several papers, books or other publications on the Topic. Alternatively, the Lecturer may have made a recent major contribution to the Topic.

The selection criteria shall not include Nationality of the Lecturer, i.e. a Lecturer may come from the same country or continent as the previous Lecturer. Males and females are equally eligible. There are no requirements to education or position. Practicing engineers and persons from the academia are equally eligible.

The TC Chair shall inform first the ISSMGE President of the name of the selected Lecturer. If the President disagrees

with the proposed Lecturer, he/she shall propose one or several alternative candidates to the TC Chair. If agreement is not reached between the TC and the ISSMGE President, the TC makes the final decision.

ISSMGE AWARD FOR BEST TC

The ISSMGE established a "best TC award" to be presented at the quadrennial International Conference. It is the responsibility of the Member Society to apply for the award on behalf of the TC and to present the achievement of the TC in light of the criteria for the Award (see Awards Committee for application and award criteria).

FUNDING OF TECHNICAL COMMITTEES

In agreeing to host the TC, the host Member Society accepts the responsibility of providing the necessary administrative support for the operation of the TC. Members' costs are borne by the members or their sponsoring organizations or Member Societies.

Under special circumstances, application for funding or other resources for specific activities may be made to the Member Societies.

OMBUDSMAN

The TOC is the first point of contact for matters related to the ISSMGE Technical Committees. If a Member Society disagrees with the decision of TOC and wishes to appeal the case, the President will serve as the ombudsman and will have final decision authority.

JOINT TECHNICAL COMMITTEES

Joint Technical Committees (JTCs) are sponsored by the ISSMGE, ISRM and/or the IAEG are formed where the subject area of the TC extends into the fields of interest of the Sister Societies. The rules governing the formation and the operation of Joint Technical Committees are agreed among the Sister Societies.

Appendix C MAIN RECOMMENDATIONS TO ISSMGE COUNCIL 1ST SEPTEMBER 2013.

Revision of Guidelines for ISSMGE Technical Committees

- The life of a TC is disconnected from the term of the ISSMGE presidency.
- The TC has an Executive and Task Forces defined in the Terms of References.
- Corresponding members having exceptional competence are allowed on the TCs, even if they are not member of the ISSMGE.
- The Terms of References for the TC has 4 new objectives:
 - Disseminate knowledge and practice within the TC's subject area to the membership of the ISSMGE.
 - Prepare guidelines and technical recommendations for practice within the TC's subject area (synthesize knowledge with a balance between academic research and practice).
 - Assist with technical programs of international and regional conferences organized by the ISSMGE.
 - Interact with industry and overlapping groups working in areas related to the TC's specialist area.



Quality of TCs and TC work

- The main contribution of the TOC (based on our own evaluation) was to **set focus on the objectives and work plans of each TC, and on the quality of the products of the TCs. The TOC increased the visibility of the TCs.** In a sense, the TOC was created to free the ISSMGE Board from the responsibility of quality control of the TCs.
- The TOC perceives, again a TOC opinion, that its existence has led to an **increased incentive for the TC's to produce results.**
- Most TC's are working well. Some did really impressive work, e.g. to name just a few, "Physical Testing", "In-situ testing", "Transportation", "Earthquake", "Offshore Geotechnics", "Geo-Environmental", "Risk", ...



Recommendations

1. The TOC function should continue as an assistance to the ISSMGE Board to maintain/improve the quality of the TCs.
2. Ideally, the TOC should consist of one person from each of the ISSMGE regions. The TOC persons should be selected as "technically able persons who are good at following up".
3. The TOC should report to the President. The TOC should keep the Vice-Presidents informed of the activities in their regions.
4. The selection of the "Outstanding TC Award" should be based on nominations from the TOC, the Board, the TCs and persons with close knowledge of the TCs' achievements. Today's process, only initiated by the TC Chair and sent off by the host Member Society, is not appropriate for the "Outstanding TC Award".



Recommendations

5. Two priorities should be on the agenda of the next TOC:
 - Prepare guidelines and technical recommendations for practice within the TC's subject areas:
 - Archiving the work by the TCs on the web, and using.

and finally, because it takes time to change an organisation like ISSMGE,

6. If the new President agrees with the recommendations by TOC, he should, **as soon as possible:**
 - Inform the TC chairs that the activities of the TCs and the Chair continue uninterrupted through the change in presidency.
 - Emphasize the focus for the TCs on "Preparing guidelines and technical recommendations for practice".



Appendix 8: Board Level Committee Progress Report: SYMPG

Comité de haut niveau du Conseil Rapport d'étape: SYMPG

J.E. Nicks
Chair, SYMPG

ABSTRACT: The Student and Young Member Presidential Group (SYMPG) was initiated in 2009 by the 2009-2013 ISSMGE President, Professor Jean-Louis Briaud. It consists of 18 members from 6 regions (3 from each region) who were nominated by the regional Vice Presidents of ISSMGE based on their interest and involvement in the ISSMGE and their national societies. The mission of the SYMPG is to increase the attractiveness of the ISSMGE for the next generation of geotechnical engineers and get more students and younger members (S/YM) involved in their professional family. Over the four year term of the the first group of SYMPG members, many products were implemented, including development of a web-based survey, the new "Outstanding Young Geotechnical Engineer Award", a database of known international and regional younger member events, unlimited corresponding members on technical committees for younger members, and inclusion of young member events at the 19ICSMGE, among others.

RÉSUMÉ : Le Groupe présidentielle étudiants et les jeunes membres (SYMPG) a été lancé en 2009 par l'2009-2013 ISSMGE Président, le Professeur Jean-Louis Briaud. Il se compose de 18 membres provenant de six régions (3 par région), qui ont été nommés par les vice-présidents régionaux de ISSMGE en fonction de leur intérêt et leur implication dans la ISSMGE et leurs sociétés nationales. La mission de l'SYMPG est d'accroître l'attractivité de la ISSMGE pour la prochaine génération d'ingénieurs géotechniques et obtenir plus d'étudiants et de jeunes membres (S / YM) impliqués dans leur famille professionnelle. Au cours de la période de quatre ans du premier groupe de membres SYMPG, de nombreux produits ont été mis en œuvre, y compris le développement d'un sondage en ligne, la nouvelle "Ingénieur prix Outstanding Young géotechnique", une base de données des événements connus de membres plus jeunes internationales et régionales, illimité membres des comités techniques pour les membres les plus jeunes, et l'inclusion des jeunes événements des membres à la 19ICSMGE, entre autres correspondant.

KEYWORDS: students, young members, SYMPG, BLC

1 TERMS OF REFERENCE

The Student and Young Member Presidential Group (SYMPG) was initiated in 2009 as an ISSMGE Board Level Committee (BLC) by the 2009-2013 ISSMGE President, Professor Jean-Louis Briaud. The mission of the SYMPG is to increase the attractiveness of the ISSMGE for the next generation of geotechnical engineers and get more students and younger members (S/YM) involved in their professional family. This is accomplished through the cooperation and exchange of ideas from students and younger members across the world.

2 MEMBERSHIP

The SYMPG includes 18 members from 6 regions (3 from each region) who were nominated by the regional Vice Presidents of ISSMGE based on their interest and involvement in the ISSMGE and their national societies. The term of reference for the original members was four years; however, note that SYMPG membership has changed throughout its term, with 5 of the original members either resigning or being removed due to inactivity. They were subsequently replaced with corresponding members from the same region, nominated by SYMPG leadership and approved by the Regional Vice President. The final list of SYMPG membership as of 2013 is (in alphabetical order):

- Felix AYEHE, Ghana
- Mahnoosh BIGLARI, Iran
- Joost BREEDEVELD, Netherlands
- Lucy COE, New Zealand
- Colin DICKSON, Australia

- Leonardo DORADOR, Chile
- Silvia GARCIA, Mexico
- Trevor GREEN, South Africa
- Marcelo HEIDEMANN, Brazil
- Erdin IBRAIM, UK
- Daniel JIRÁSKO, Czech Republic
- Young-Hoon JUNG, Korea
- Xiaojun LI, China
- Marcos MONTORO, Argentina
- Jennifer NICKS, USA
- Imen SAID, Tunisia
- Brendan SCOTT, Australia
- Yonghui SONG, USA

2.1 SYMPG Leadership

Professor Jean-Louis Briaud appointed Jennifer Nicks as the Chair of the SYMPG. Elections within the group determined the other members of the SYMPG leadership team. Mahnoosh Biglari was selected as Vice-Chair and Silvia Garcia was selected as Secretary. Meetings were held via internet phone services and correspondence occurred via e-mail. The first face-to-face meeting for the SYMPG was on August 30, 2013 before the iYGEC and ICSMGE events.

2.2 Corresponding Members

In addition to the full members, the SYMPG also has many more corresponding members from around the world. There are 77 corresponding members total; 8 from Africa, 13 from Asia, 5 from Australasia, 39 from Europe, 5 from North America, and 7

from South America. Corresponding members are kept informed of the work and progress of the SYMPG and can contribute accordingly, but are not allowed to formally vote on any initiatives.

Based on the activity level of the corresponding members, there is the opportunity for them to be nominated for full membership when a position opens up on the SYMPG. Out of the 18 full SYMPG members at the end of the 2013 term, 5 were formerly corresponding members. This helps provide some incentive to join the corresponding members group. While the SYMPG is limited to 18 full members, the number of corresponding members is unlimited.

3 TASKS

To begin, each member and corresponding member was asked to provide three ideas that they thought would help achieve the SYMPG mission. Ideas were grouped and then ranked by the members, with the four top high priorities moving forward initially. Subgroups were developed to handle each of these tasks. Each subgroup consisted of 3-5 SYMPG members working towards the defined goal based on an established statement of work. Upon completion or resolution of each task, additional tasks were added based on the priority list established.

The following are the tasks that the SYMPG undertook throughout the course of the past four years:

- 1) Improve the ISSMGE website: The work involved identifying website issues related to content, functionality, and ease of use communication and providing suggestions to improve them.
- 2) Improve communication between the ISSMGE and younger members: The work involved identifying methods to improve communication between the ISSMGE and students and young members in order to attract them to society activities.
- 3) Increase TC involvement for young members: The work involved identifying ways to increase the involvement of young ISSMGE members in various activities of the ISSMGE Technical Committees.
- 4) Create S/YM Membership: The work involved establishing a separate student and young professional (SYP) membership classification within ISSMGE.
- 5) Improve knowledge of and consistency for young geotechnical engineers' conferences (YGECs): The work involved refining the current guidelines for organization of iYGECs, and developing standard guidelines for regional YGECs.
- 6) Develop motivation mechanisms: The work involved identifying and implementing mechanisms to motivate and increase participation of young members in the ISSMGE.
- 7) Develop student and young member activities at the ISSMGE quadrennial conference: The work involved designing competitions and networking opportunities for students and young members at the quadrennial International Conference for Soil Mechanics and Geotechnical Engineering (ICSMGE).
- 8) Collaborate with industry/academia: The work involved identifying devices to bridge the gap between industry and academia. (Ongoing)

In addition, a second call for initiatives was performed at the end of 2012 to generate new ideas; members and corresponding members contributed. From this list, three general categories were identified:

- 1) Financial support: The work will involve identifying sponsorship opportunities to provide support and assistance for S/YMs to attend rYGECs and iYGECs.
- 2) Advertising: The work will involve developing mechanisms to highlight S/YM activities within

ISSMGE, such as a SYMPG webinar, forum on GeoWorld, YM Bulletin, etc.

- 3) Science Divulgate: The work will involve creating and establishing an International Journal for YM to provide access for YMs to publish and bridge the gap between research and practice.

Because of the time limitations with the terms of reference, it was decided by the SYMPG to wait on these new initiatives until the next group of SYMPG members began their term in 2013; however, because it is different membership with different ideas, the list is subject to change.

4 PROGRESS AND ACHIEVEMENTS

Seven of the eight initial tasks have been completed or retired based on Board feedback. The following deliverables and results were achieved, in order of Tasks from Section 3, above:

- 1) Two liaisons from the SYMPG to the IDC were named to ensure that student/young member (S/YM) interests were represented and included in developments of GeoWorld. In addition, a specific SYMPG page was created on GeoWorld.
- 2) A web-based survey of young members (and potential future members) from different parts of the world was developed and will be uploaded to GeoWorld. The aim of this survey is to determine how (and/or if) current young members of the ISSMGE are receiving information from the ISSMGE; changes or improvements that young members would like to see; what can be done to attract more younger members; and determine what percentage of youth in member societies are active ISSMGE members. In addition, a flyer was developed outlining the SYMPG.
- 3) The ISSMGE instituted the grade of corresponding members for each TC with unlimited participation from YMs.
- 4) A survey of member societies was completed and recommendations were submitted to the Board for a S/YM classification; however, the idea could not move forward within ISSMGE since it is a society of societies, not individual members (only national societies can have SYP designations). As such, the task was retired.
- 5) A database of known iYGECs and rYGECs was developed. In addition, updated iYGEC and new rYGEC guidelines were drafted and submitted to the Board for approval. A minimum of bi-annual rYGECs was given with Board help needed to encourage member societies. The Board approved the recommendation to have additional representatives, up to three, nominated by the regional VP for rYGECs.
- 6) A new YM award was developed: "Outstanding Young Geotechnical Engineer Award." The first award will be presented at the 18th ICSMGE in Paris, France.
- 7) A proposal on a S/YM competition was presented along with networking opportunities (e.g. CAPG/SYMPG meet-and-greet, S/YM reception, career fair, etc.) for the quadrennial conferences. Due to the time constraints for the 18th ICSMGE, each of the three potential candidates for the 19th ICSMGE was contacted with our proposal; all are including S/YM activities in their own proposals.
- 8) Communication with the CAPG president on proposed methods to collaborate with industry and academia has occurred. Work continues on this task,

which will likely be rolled into the new initiative on science divulgation.

5 RECOMMENDATIONS FOR FUTURE PLANS

Because of the success of the SYMPG in developing tangible products and increasing awareness of the ISSMGE to students and young members, it is recommended that the incoming elected President and Board continue to support this group. A new rotation of leadership and membership is suggested to generate renewed interest and enthusiasm. Members can be selected from the current corresponding member list or developed during the 5th iYGEC, subject to approval from the regional VPs.

6 ACKNOWLEDGEMENTS

The SYMPG would like to acknowledge Professor Jean-Louis Briaud for having the vision and leadership to create a new group centered on student and young member involvement. In addition, the SYMPG is grateful for the work of the Regional Vice Presidents in identifying and nominating great members. The members of the Board have also been very helpful in providing feedback on our work and giving us a clear direction. As Chair, I am especially thankful for all of the members and corresponding members that volunteered their time to serve on the group and contribute to the ISSMGE.

Appendix 9: CORPORATE ASSOCIATES PRESIDENTIAL GROUP (CAPG)

M. Lisyuk
Chair CAPG

1 INTRODUCTION.

The Corporate Associates Presidential Group (CAPG) was created in 2011 following the initiative of ISSMGE President Prof. J.-L. Briaud.

“I would like CAPG to achieve two things:

1. Tell me what ISSMGE can do for you; what benefits can ISSMGE provide to you?
2. Grow significantly the number of Corporate Associates of ISSMGE”.

Prof. J.-L. Briaud, ISSMGE President.

2 COMPOSITION OF CAPG

Representatives from 43 companies (19 countries)

Chair: Michael Lisyuk (Georeconstruction Engineering Co, Russia)

Vice-Chairs: Dennis Becker (Golder Associates, Canada), Sukumar Pathmanadavel (Coffey Geotechnics, Australia)

AECOM Asia Company Ltd, Hong Kong, Axel KL Ng

A.P. van den Berg, The Netherlands, Wim Hassing

Bauer Maschinen GmbH, Germany, Erwin Stoetzer

LLC “Bazis Design Academy”, Kazakhstan, Danil R.

Akhmetshakirov

Brasfond Fundacoes Especiais SA, Brazil, Armando Caputo

Bentley Systems, USA, Samantha Langdeau

Coffey Geotechnics, Australia, Sukumar Pathmanadavel

Construtora Norberto Odebrecht, Brazil, Dante Venturini de Barros

Dasan Consultants Co. Ltd, Korea, Kim Jeong Ho

Deltares, The Netherlands, Peter van den Berg

Dongha Geological Engineering Co., Korea, Jeong Gyeong Hwan

Fugro N.V., The Netherlands, René Ligtoet

Georeconstruction Engineering Co, Russia, Michael Lisyuk

Geoizol LLC, Russia, Elena B. Lashkova

Geostroy ZAO, Russia, Anatoly Osokin

Geoteknik SA, Turkey, Turfan Durgunoglu

GHD Pty Ltd, Australia, Kim Chan

Golder Associates, Canada, Dennis Becker

Hayward Baker Inc., USA, James Hussin

Huesker Synthetic GMBH, Germany, Andreas Elsing

Huesker Ltda, Brazil, Flavio Teixeira Montez

International I.G.M., USA/Lebanon, Marc Ballouz /Charles Radi

Jan de Nul N.V., Belgium, Dirk Westelinck

JSC “Kazakhstan Highway Research Institute“, Kazakhstan, Bagdat Teltayev

KazNIISA, Kazakhstan, Abakanov Mirken

KGS-Astana, Kazakhstan, Azamat Zhussupbekov

Naue GmbH Co KG, Germany, Lars Vollmert

Norwegian Geotechnical Institute, Norway, Suzanne Lacasse
Novatecna Consolidações e Construções S/A, Brazil, Giorgio Guatteri

Officine Maccaferri SPA, Italy, Francesco Ferraiolo

Ove Arup & Partners Ltd, UK, Nick O’ Riordan

Saegil Engineering and Consulting Co, Korea, Kim Duck-Yong

Siemens Energy, Germany, Gabriele M. Zapf

SOILMEC S.p.A, Italy, Sanzio Vaienti

Soletanche Bachy SA, France, Stéphane Monleau

S.N. Apageo S.A.S., France, Claire Bailhache

Taisei Corporation, Japan, Nobuhiro Akisato

Tecnogeo Engenharia e Fundações Ltda, Brazil, Geraldo

Guedes de Andrade

TenCate Geosynthetics France SAS, France, Anne-Sophie

Quellec

Tensar International Ltd, UK, Chaido (Yuli) Doulala-Rigby

3 CAPG ACTIVITY IN 2011-2013

In May – September 2011 the CAPG put forward 28 creative suggestions on improving their position and visibility in ISSMGE. These were subject to a vote, and the 6 best ideas were identified as follows:

1. Create an award for outstanding geotechnical project worldwide

J.-L. Briaud, ISSMGE President

2. For Regional Conferences, the Organizing Committee should strive to increase industry/practitioner membership and lead roles such as Chair and the like. Keynote lecturers should be given as appropriate by industry. Emphasis on case records should be given in ISSMGE related publications.

D. Becker, Golder Associates

3. Corporate Associates should have a possibility to make presentation of their work at the International and Regional Conferences.

M. Lisyuk, Georeconstruction

4. Allow full page advertisement for CAs in the bulletin on a rotating basis.

J.-L. Briaud, ISSMGE President

5. Open up the case studies database to public view and enable CA’s to add their case studies in a pre-approved and consistent format

Chaido (Yuli) Doulala-Rigby, Tensar Intl Ltd

6. ISSMGE can organize workshops/seminars for CA on practical aspects of geotechnical engineering, during meetings of CAPG.

M. Lisyuk, Georeconstruction

4 THE FIRST CAPG MEETING

The first meeting of the CAPG was organized in Yusupov Palace, St. Petersburg State Transport University, on the 2nd July 2012.



Yusupov Palace of St. Petersburg State Transport University – venue of the first CAPG meeting

Three Task Forces were formed at the meeting, based on the best ideas selected previously by the CAPG members.

1. Interaction academician/consultants/contractors/manufacturers/clients.

Research list – practice/academicians

Task Force leader: Sukumar Pathmanandavel (Geotechnics, Australia)

2. Open up the case studies database to public view and enable CA's to add their case studies in a pre-approved and consistent format

Publish separate brochures (in electronic form) on the most important constructional projects of Corporate Associates. These brochures can be written by the Corporate Associate and put on the ISSMGE Website. Then prominent geotechnical experts can give their analyses and opinion of the projects.

Task Force leader: Chaido (Yuli) Doulala-Rigby (Tensar, UK)

3. For Regional Conferences, the organizing Committee should strive to increase industry/practitioner membership and lead roles such as Chair and the like. Keynote lecturers should be given as appropriate by industry. Emphasis on case records should be given in ISSMGE related publications (this has been happening as well). In summary, industry/practitioners need to become more "visible" in the ISSMGE and associated conferences/seminars/workshops, etc.

Corporate Associates should have a possibility to make presentation of their work at the International and Regional Conferences. Of course, these should be scientific lectures, not advertising.

In addition to "participation", practitioners should be leading (Chairing) a significant number of TCs and have a stronger presence/membership on the ISSMGE Board.

Task Force Leader: Dennis Becker (Golder, Canada)

During the meeting in Saint Petersburg Dennis Becker (Golder, Canada) was appointed as Vice Chairman of CAPG.

The second CAPG meeting will take place in Paris during the 18th ICSMGE in September 2013.

5 BRIEF REPORTS ON THE WORK OF THE TASK FORCES

Task Force 1 on Interaction/academician/consultants/contractors/manufacturers/clients

Research list – practice/academicians

Leader: Sukumar Pathmanandavel (Coffey, Australia)

The task force has decided that the development of Streams 1 & 2, as outlined below, will be the main focus in the short to medium term.

Stream 1 – Improvement in Education and Research

When teaching students, improve the knowledge of the portion of uncertainty/non-accuracy typical of geotechnics – maths as a tool and not a certainty when used in geotechnics; use one's common sense	Improve the relevance of research to practice – solving existing problems
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Stream 2 – Improvement in Client Perception

Be able to better assess quality of geotechnical consultants, contractors, manufacturers in international markets (quality label, database of performed projects including rating of performance, etc.)	Have structured overview/database of available consultants, contractors, manufacturers and their capabilities	Improve profile of geotechnical engineering in community, but specifically amongst the asset owner/decision makers	Improve the profile of the contractor's geotechnical engineer to the client/consultant in such a way that he also can have a relevant weight in making joint decisions from a practical and site-specific-feedback point of view
---	---	--	--

The task force's next steps are

- a. To clearly articulate the benefit for CAPG members to join our active committee and help develop the above 2 streams.
- b. To broaden the number of CAPG members participating in the regular meeting calls
- c. To arrive at focussed and practical activities for Streams 1 & 2 to which the CAPG and ISSMGE can direct their efforts.

Task Force 2. Open up the case studies database to public view and enable CA's to add their case studies in a pre-approved and consistent format

Leader: Chaido (Yuli) Doulala-Rigby (Tensar, UK)

A cover letter and the format for the Case Study (CS) was prepared by Yuli Doulala-Rigby. The cover letter explains in brief what CAPG is and also outlines the expected content of the CSs to be submitted (up to 5 CSs per CA per year) – a good balance between technical and commercial information.

The cover letter and CS template was circulated to the CAPG active members (as per Sukumar's email) including Philippe Henry, who has offered to help Yuli in this task, and Dimitris Zekkos who will help with publishing the CSs

The cover letter and CS template was amended to the circulation group's comments

An email with cover letter and CS template was sent to all CAs on 4/4/2013

Deadline for receipt of CAs CSs was set at May 31st, 2013

Planned activity:

Depending on the CAs response, we might have to extend the May deadline

Collect all CSs received, review and circulate to a group of people to scrutinise suitability of CSs for publishing, i.e. not too heavily commercial or too technical

Once scrutinised, forward the CSs to CAPG Chairman for on line publication through the CAPG website

Send notification email to ISSMGE members informing them of the new facility and including the CAPG web link of where they can find the CAs' CSSs.

6 CORE MEMBERS

A core team of members was formed to advance the development of the CAPG task forces.

The core team is: Sukumar Pathmanadavel (Coffey Geotechnics, Australia), Kim Chan (GHD), Australia, Karel Allaert (Jan de Nul), Belgium, Gabriele Zapf & Nils Guhl (Siemens), from Germany, Yuli Doulala-Rigby (Tensar), UK, Michael Lisyuk (Georeconstruction), Russia.

Four regular meetings have been held (by telephone) at about 6 weekly intervals and have been well contributed by the CAPG active members.

7 CAPG WEBSITE (LINKD TO THE ISSMGE WEBSITE)

7.1 *PROPOSED CONTENTS OF THE WEBSITE:*

- CAPG Aims and Goals
- Composition of CAPG
- Progress of Task Forces
- Section on Task Force on Interaction
 academician/consultants/contractors/manufacturers/clients
 (Task Force 1)
- Section with published geotechnical case studies (Task Force 2)
- Information about CAPG meetings (next meeting in Paris, September 2013)
- Information about conference calls – schedule and agenda.
- Brief reports on the CAPG meetings – conference calls.

7.2 *SCHEDULE OF WORK ON THE WEBSITE:*

May 2013 – Discussions of the Website contents with CAPG members

June 2013 – Final approval of the website contents

June-July 2013 – Design of the CAPG Website

July 2013 – Launching the CAPG Website

The contents of the CAPG Website have been discussed, modified and approved by the core members group of CAPG.

The CAPG Website is supported by Georeconstruction Engineering Co (St. Petersburg, Russia)

Appendix 10: ISSMGE Awards Committee: Report on activities 2011-2013

Comité de la SIMSG pour l'attribution des prix : rapport sur l'activité 2011-2013

F. Schlosser

Ecole des Ponts Paris Tech, Marne-la-Vallée, France

S.W. Jacobsz

University of Pretoria, Pretoria, South Africa

ABSTRACT: On the initiative of the President, an ISSMGE Awards Committee was established to carry out a review of existing awards offered by the ISSMGE to its member and to introduce a number of new awards in addition to those previously offered. The Awards Committee was responsible for documenting the introduction of the new awards, drafting of guidelines for nomination and criteria for evaluation of nominations received. In addition, the committee managed the call for nominations after receiving nominations via the office of the Secretary General. The new awards were presented at the 18th quadrennial conference in Paris in September 2013.

RÉSUMÉ : A l'initiative du Président de la SIMSG, il a été créé un comité pour l'attribution des prix aux membres de la SIMSG afin de faire le point des prix jusqu'à présent attribués et d'introduire en plus de nouveaux prix. Le comité a eu la responsabilité de définir avec précision ces nouveaux prix, d'établir un projet pour la nomination de candidats et de définir des critères de sélection. En outre le comité a été chargé de gérer l'ensemble des candidatures reçues pour les prix par l'intermédiaire du Secrétariat Général. L'attribution des prix a eu lieu lors du 18^{ème} congrès international de la SIMSG à Paris en septembre 2013.

KEYWORDS: awards

1 INTRODUCTION

This report summarises the activities of the ISSMGE Awards Committee (AWAC) for the period September 2010 to April 2013. The report was presented by Francois Schlosser, the AWAC chairman, at the Board and Council meetings in September 2013 at the quadrennial conference held in Paris.

2 AWARDS COMMITTEE

In September 2010 Prof Jean-Louis BRIAUD established and ISSMGE Awards Committee (AWAC) with Prof Francois Schlosser as chair person and Prof Esve Jacobsz as secretary.

2.1 Committee composition

The AWAC comprised the following members:

- a) one chair person
- b) six members (approximately)

The members are appointed by the President after consultation with the ISSMGE Board and are appointed for one year renewable. A member of the ISSMGE Board is chosen as the liaison with the AWAC. The Board has the right to discontinue the membership of an AWAC member in case of poor performance.

- c) one ISSMGE Board member liaison.

2.2 Assigned tasks

The Task of the AWAC consist of overseeing the awards given by the ISSMGE, except for the Terzaghi Oration which the ISSMGE President decides and the Kevin Nash Gold Medal which the Immediate Past President decides. The activities of the newly created ISSMGE Awards Committee included the following:

2.2.1 Task 1: Study of current award status

The first task of the awards committee was to carry out a review of the existing status of awards offered by the ISSMGE to its members. The review comprised the following tasks:

- a) Review the current awards offered by the society. The review included the three ISSMGE Young Member Awards which at present are made at the Quadrennial International Conference.
- b) Gather basic data on the ratio between number of members and awards for a few notable professional societies.
- c) Recommend a reasonable number of awards including their definition, frequency and process. In various discussions the Board initially considered a frequency of every two years to be reasonable. A frequency of every four years has since been decided. The Board considered the following potential awards:

- Outstanding technical committee
- Outstanding geotechnical project
- Outstanding innovator individual member or team
- Outstanding member society
- Outstanding paper in the International Journal of Geo-Engineering Case Histories

- d) A proposal was sent to the Board by 31 April 2011. The ISSMGE Board met in Hong Kong on 22 May 2011.

2.2.2 Task 2: Nomination and selection

After the Board had accepted the proposal of the Awards Committee, the Awards Committee proceeded with the following tasks:

- a) The AWAC announced the awards in the ISSMGE Bulletin, the ISSMGE web site, the President's monthly progress reports and other means of communication.
- b) The AWAC collected the nominations for each award (via the Secretary General) and evaluated them.
- c) The AWAC recommend two names for each award to the ISSMGE Board.

- d) The ISSMGE Board made the final decision as to the winners.

3 MEETINGS

The following guideline for holding of AWAC meetings was initially proposed by the President: It was proposed that the AWAC meet four times a year by teleconference or in person. An in-person meeting once a year is strongly encouraged. Expenses for the meetings will be the responsibility of the Member's country. All awards would be given at the quadrennial ICSMGE conference.

AWAC was able to conduct its business via email and no in-person meetings took place prior to the Paris conference with the exception of presentations made to the ISSMGE Board by Prof Charles Ng.

4 EVALUATION OF COMMITTEE ACTIVITIES

Each year the AWAC will prepare a short report to brief the Board on the status of the committee.

5 MEMBERS

The eight Award Committee members selected by the President were :

- Francois Schlosser, France (Chair) (schlosserfr@wanadoo.fr)
- Esve Jacobsz, South Africa (Secretary), representing Africa (Sw.Jacobsz@up.ac.za)
- William Marcuson, USA, representing North America (William.F.Marcuson@erdc.usace.army.mil)
- Eugeniusz Dembicki, Poland, representing Europe (hademb@wp.pl)
- Werner Bilfinger, Brasil, representing South America (werner@vector.com.br)
- Indraratna Buddhima, Australia, representing Australasia (indra@uow.edu.au)
- Tadatsugu Tanaka, Japan, representing Asia (tad.tanaka@gmail.com)
- Charles NG, ISSMGE Board member liaison

6 TASK 1 & 2 REPORT (APRIL 2011)

The President requested AWAC to compile a report for presentation to the ISSMGE Board outlining the finding from TASK 1 (i.e. a study of the current ISSMGE award status). The report comprised:

- a brief review of current awards offered by the ISSMGE,
- the award frequency per member per year and comparison with award frequencies of National Member Societies and other comparable organisations, and
- proposed new awards.

- 1) The awards previously offered by the ISSMGE were :

- The Terzaghi Oration nominated by the President.
- The Kevin Nash Gold Medal nominated by the immediate Past President.
- Three Young Member Awards nominated by the Member Societies.

These awards were all offered at a frequency of every four years.

- 2) The current ISSMGE award frequency amounts to about 1 award to 15 200 per year which is between one and two

orders of magnitude lower than the award frequency offered by comparable organisations.

- 3) The introduction of the five new awards mentioned in the AWAC charge (Outstanding Technical Committee, Outstanding Geotechnical Project, Outstanding Innovator (individual member or team), Outstanding Member Society, Outstanding paper in the International Journal of Geo-Engineering Case Histories) was recommended which would increase the award frequency to 1 award to 5 429 members per year. This is still low compared to other organisations and scope exists to institute further awards.

It was recommended that a common approach be adopted for the following procedures related to each award:

- Call for nominations:
- Receipt of nominations (including deadlines)
- Evaluation committee
- Evaluation of nominations
- Presentation of the Award

For each award the purpose, the award frequency, the conditions (eligibility), the nomination of candidates and the award format are specified.

Table 1. Timetable for 2013 Awards

Date	Event or Key Personnel	Milestone
Sept 2012	Secretary General	Member Societies invited to nominate candidates
Feb 2013	Member Societies	Deadline for nominations; receipt of manuscripts for ICSMGE
May 2013	Award Committee	Report to Board members with recommendation; final decision made by ISSMGE Board
Sept 2013	Council Meeting	Report
Sept 2013	ICSMGE (Paris)	Presentation

The ISSMGE Board accepted the AWAC recommendations of this April 2011 draft report

7 CALL FOR NOMINATIONS - PROCEDURES AND GUIDELINES (JAN-MARCH 2012)

At the beginning of January 2012 the ISSMGE President requested that all nominations have to be done by the Member Societies. For instance, if a Technical Committee (TC) wants to make a nomination, it has to be done by the Member Society of the TC Chairman.

On 2012/01/20 Esve Jacobsz, the AWAC secretary, proposed a draft document "Call for nominations for ISSMGE awards" which gave all requirements and guidelines for submitting nominations for the five new awards. After discussions and some modifications the final document was agreed by the President and placed on the ISSMGE website on 2012/03/12.

A summary of the awards is as follows:

- To award TC members or a TC as a whole for outstanding work.
- Outstanding Geotechnical Project. To award a project that best illustrates superior geotechnical engineering skills and represent significant contributions to geotechnical engineering.
- Outstanding Innovator. To award individuals or groups in recognition of innovations in Geo-Engineering with a pronounced impact on practice, research and education.

Table 2. The composition of sub-committees responsible for the evaluation of the various ISSMGE awards

Award	AWAC Member	AWAC Core member	Invited ISSMGE Member	AWAC Secretary	AWAC Chair
Technical Committee	Eugeniusz Dembicki	Werner BILFINGER	Suzanne Lacasse	Esve Jacobsz	Francois Schlosser
Geotechnical Project	Bob Holtz*	Werner BILFINGER	Michael Lisyuk	Esve Jacobsz	Francois Schlosser
Innovator	Werner BILFINGER	Bob HOLTZ*	Dimitrios Zekkos**	Esve Jacobsz	Francois Schlosser
Member Society	Budhima Indraratna	Bob HOLTZ	Neil Taylor	Esve Jacobsz	Francois Schlosser
Case Histories Journal	Tadatsugu Tanaka	Budhima Indraratna	Pedro Pinto	Esve Jacobsz	Francois Schlosser
YGEC (3)	Yujun Cui	Budhima Indraratna	Jennifer Nicks	Esve Jacobsz	Francois Schlosser

- *Replaced by Dr Peter Day (South Africa) due to conflict of interest
- ** Replaced by Prof Charles Ng (China – Hong Kong) due to conflict of interest

- Outstanding Member Society. To award the most outstanding Member Society and to encourage young and smaller Member Societies to be active.
- Outstanding Paper. To award the most outstanding paper in the International Journal of Geo-Engineering Case Histories.

The initial deadline for the nominations was 31 August 2012 for the five new awards and 28 February 2013 for the Young Member awards. The deadline for nominations for the new awards was, however, extended to 31 January 2013.

At the Board meeting in Lagos on 29 April 2012, a summary of AWAC activities and progress was presented by Charles Ng using a presentation prepared by Esve Jacobsz.

8 SELECTION OF SUBCOMMITTEES (MAY-JULY 2012)

Since the establishment of AWAC, each member in, addition to the secretary and chair, was responsible for one new award as listed below:

- Outstanding Technical Committee: Eugeniusz Dembicki
- Outstanding Geotechnical Project: William Marcuson
- Outstanding Innovator : Werner Bilfinger
- Outstanding Member Society :Budhima Indraratna
- Outstanding Paper in the I.J.G.E. Case Histories: Tadatsugu Tanaka

At the request of the Board, sub-committees were established to evaluate all nominations received and to recommend two potential recipients per award to the Board who would decide on the final award recipients.

The President requested that the following key persons be included in the various sub-committees: Suzanne Lacasse, Michael Lisyuk, Dimitri Zekkos, Neil Taylor, Jonathan Bray (replaced by Pedro Pinto) and Jennifer Nicks (for the three Young Geotechnical Engineer Awards).

AWAC decided on the following generic composition for each award sub-committee (five members each):

- AWAC member responsible for the award,
- Invited Board member,
- Core AWAC member,
- AWAC Secretary,
- AWAC Chair.

Table 2 above presents the composition of the AWAC selection sub-committees. It must be noted that William Marcuson who resigned from AWAC was replaced by Prof Robert Holtz (USA).

In his thirty days Progress Report of 9 June the President called for award nominations, listing the following deadlines: 2012/08/31 for the five new awards and 2013/02/28 for the three Young Geotechnical Engineer Awards.

9 NOMINATIONS RECEIVED AND SELECTION OF AWARD RECIPIENTS (SEPT 2012 – APRIL 2013)

Due to some delays in receiving nominations, the deadline for the five new awards was extended to the end of September 2012. In October the AWAC chair received the nominations from the ISSMGE Secretariat General. The sub-committees responsible for the evaluation of nominations began its work.

The following nominations were received:

- Eight nominations for an Outstanding Technical Committee Award.
- Eight nominations for an Outstanding Geotechnical Project Award.
- Five nominations for an Outstanding Member Society Award.
- Three nominations for an Outstanding Innovator Award

In the case of the award for Outstanding papers in the Case Histories Journal, the Editorial Board members of this journal were requested to send nominations to the Secretary General. Only two nominations were received which were sent directly sent to the Board for a decision.

The selection of two nominees per award required some time due to the high quality of the nominations received, but also because AWAC faced some conflicts of interest due to committee and sub-committee members sometimes being nominated for awards. These members had to be replaced by other ISSMGE members. AWAC was for instance grateful to Dr Peter Day and Prof Charles Ng for accepting to replace for certain core members.

In February 2013 the President informed AWAC about two additional awards:

- Outstanding Public Relation Award for awarding an individual or a group (preferably ISSMGE members) who has contributed to public knowledge of the ISSMGE.
- Outstanding Young Geotechnical Engineer Award for awarding an engineer or a team who has made outstanding contributions to practice and research in the geotechnical field.

This last award is different from the three YGEC awards mentioned above in the AWAC selection subcommittees.

Finally, AWAC managed to evaluate the nominations for now seven new awards and sent the President a letter with their recommendations after having evaluated all the nominations. AWAC was pleased to provide the Board with two nominations for each award as required by the President in the AWAC charge.

10 CONCLUSIONS

An ISSMGE Awards Committee (AWAC) was established to carry out the compilation of guidelines for nominations for new awards and to carry out the adjudication of nominations received. Representatives from each continent serve on the committee.

Evaluation of the awards offered by the ISSMGE prior to 2013 to its members indicated a very low award frequency when compared to similar organisations. The introduction of new awards as proposed by the President was therefore found to be justified. The following new awards were instituted:

- Outstanding Technical Committee
- Outstanding Geotechnical Project
- Outstanding Innovator
- Outstanding Member Society
- Outstanding Paper in the I.J.G.E. Case Histories
- Outstanding Public Relation Award
- Outstanding Young Geotechnical Engineer Award

The introduction of the new awards increased the award frequency by an order of magnitude, but scope still exists for the introduction of further award to bring the ISSMGE in line with award frequencies offered by comparable organisations to their members.

Appendix 11: Public Relations Committee

M. Ballouz
Chair PRC

1 MEMBERS

1.1 ISSMGE Board Members supervising PRC

Jean-Louis BRIAUD, USA, ISSMGE President
Ikuo TOWHATA, Japan, ISSMGE Board Liaison
Ivan VANICEK, Czech Republic,

1.2 PRC Members

Marc BALLOUZ, Lebanon, Chair
Valérie BERNHARDT, France, Secretary
Jie HAN, USA
Georg HEERTEN, Germany
Mark JAKSA, Australia
Wei LEE, Chinese Taipei,
Hoe LING, USA
Edyta MALINOVSKA, Poland
Jarbas MILITITSKY, Brazil
Walter PANIAGUA, Mexico
Giulia VIGGIANI, Italy
Sherif WISSA, Egypt
Gang ZHENG, China
Diana ZREIK, Lebanon

2 ORIGINAL CHARGES

The following charges were the original founding tasks around which PRC was created and in the objective of which it was launched.

2.1 COMPOSITION

The PRC will be composed of the following members

- a. one Chair
- b. 6 Members (approximately)

The members will be appointed by the President after consultation with the ISSMGE Board and will be appointed for 1 year renewable. An effort will be made to represent all continents. A member of the ISSMGE Board will be chosen as the liaison with the PRC. The Board will have the right to discontinue the membership of a PRC member in case of poor performance. A Vice-Chair and a Secretary will be selected by the PRC Chair after consulting with the ISSMGE president and the PRC committee members.

2.2 TASK

The Task of the PRC will consist of being the link between ISSMGE and the general public including the written news media, the video news media, and response to natural disasters with geotechnical content. The activities of the ISSMGE Public Relations Committee will include:

2.2.1 Website

- a. An educational and informative website will be created on the World Wide Web, as a reference to anybody who likes to know what geotechnical engineering is. The website will use simple definitions and explanations describing different geotechnical engineering aspects and activities, with some pictures, videos and animations. It will be complementing the Wikipedia presentation and will include crucial links to many geotechnical societies and associations around the world for the visitor to pursue his quest if needed.

2.2.2 News media

- b. Identify the best way to interact with the written press
- c. Identify the best way to interact with the television media
- d. Identify how to best interact with film makers and special programs such as The Discovery Channel, National Geographic, The Science Channel, and so on (e.g.: documentary on the most impressive geotech project in the world).
- e. Send a proposal to the ISSMGE Board by mid November 2011.

2.2.3 The Public

- f. Identify the best way to interact with the public in general (e.g.: pamphlets and trifolds on home owners geotech problems)
- g. Identify the best way to interact with the schools (pre university)
- h. Identify the best way to interact with government officials.
- i. Identify advertising agencies which may help in enhancing our public image
- j. Prepare a time capsule to be opened in 500 years.
- k. Interact with science and engineering museums to propose displays.
- l. Send a proposal to the ISSMGE Board by mid November 2011.

2.2.4 Disaster response

- m. Identify ways to help our fellow geotechnical engineers when they are subjected to natural disasters related to geotechnical engineering.
- n. Identify ways to help the general public when they are subjected to natural disaster related to geotechnical engineering.
- o. Send a proposal to the ISSMGE Board by mid November 2011.
- p. The following is a list of ideas from the ISSMGE membership at large collected since May 2011.
 1. Offer reduced or free registration to our conferences to disaster victims for one year.
 2. Supports RedR - Register of Engineers for Disaster Relief (<http://www.redr.org.uk>).

3. Open a special fund for disaster victims, raise money
4. Offer to host families of disaster victims for a while
5. Develop guidelines for nuclear power plants protection against tsunamis.
6. Develop guidelines on geotechnical aspects of post-earthquake-disaster activities (investigation, back analysis, reconstruction).
7. Develop guidelines for civilian behavior during and after disasters
8. Organize conferences on what was learned from a disaster in the city of the disaster to help their economy.
9. Help to educate the public on the risk it faces. Zero risk does not exist.
10. Help raise the quality control of the work in developing countries
11. Provide full support to member societies in need of what ISSMGE can do for them (technical support).
12. Organize groups of volunteers to go to the site of the disaster and be technical advisors
13. Support GEER, the Geotechnical Extreme Event Reconnaissance (<http://www.geerassociation.org/>)

2.2.5 Awards

- q. An award to be given to a reporter who distinguished himself or herself in reporting and/or promoting geotechnical activities. Similar to other committees, it is planned to give 1 Award every 2 years, or 2 Awards every ISSMGE conference. 1 Award would be presented in the coming Paris Conference in 2013.

3 MEETINGS

The PRC will meet 4 times a year by teleconference or in person. An in person meeting once a year is encouraged. Expenses for the meetings will be the responsibility of the Member's country.

4 EVALUATION

Each year the PRC will prepare a short report to brief the Board on the status of the committee.

5 MEMBERS

- a. Chair:
- b. Vice-Chair
- c. Secretary
- d. Members: Approximately 6 or 7
- e. ISSMGE Board member liaison:

6 TASK FORCES

In order to achieve the main 5 objectives in a timely and organized manner, the PRC members were divided in Task Forces as shown

TASK	I	II	III	IV	V
X = Group Leader	WEBSITE Create a new short website by PRC	NEWS MEDIA TV, Radio, Internet (Youtube Channel)	PUBLIC Brochure, school, gov't, time capsule	DISASTER RESPONSE Help Colleagues & Public, RedR, GEER...	AWARDS Guidelines, Nominees
Marc BALLOUZ	X	X	X	X	X
Valérie BERNHARDT	X		X	X	
Jie HAN					X
Georg HEERTEN		X			
Mark JAKSA	X	X			
Wei LEE			X	X	
Hoe LING		X		X	X
Edyta MALINOVSKA	X		X		
Jarbas MILLITITSKY			X		
Walter PANIAGUA		X	X		
Gula VIGGIANI			X	X	
Sherif WISSA			X	X	X
Gang ZHENG				X	
Dana ZREIK			X	X	

7 ACHIEVEMENTS

From the list of objectives listed in the Charges above, the following achievements have been accomplished since PRC was created 2 years ago:

7.1 What is Geotechnical Engineering – The Movie

The movie is titled “What is Geotechnical Engineering”. This movie was sponsored by ISSMGE and explains the history of Geotechnical engineering and ISSMGE. It also explains in regular language about what is geotechnical engineering as a profession. It is about 6min long and was produced by a professional production company. The script and guidance were made by the PRC task force. The movie is aired on Youtube and can also be accessed via hot links on the ISSMGE website and the PRC website.

7.2 www.whatisgeotech.org

This is a new website that was created by PRC as the Public Relations website to the main ISSMGE website. It exposes and describes what we do as geotechnical engineers in a nice webpage format with major links to important information that the user can access easily:

- Technical Committees
- Country Members
- The Movie
- Main Website
- ...and other...

7.3 What is Geotechnical Engineering – The Brochure

A brochure about geotechnical engineering was created by the PRC task force who hired a professional graphic designer. This brochure targets all people including engineers of different disciplines. It stresses on the importance of the profession and its beauty. These brochures could and should be distributed in conferences, schools and universities.

7.4 What is Geotechnical Engineering – The Roll-Up Banner

The Roll Up banner was developed for the Paris conference and future conferences. Also to be exposed in any lecture that talks about geotechnical engineering. It complements and follows the design of the brochure.

7.5 “The Hidden Treasures of Geotechnics” – Article

This article talks about the history of geotechnical engineering and the creation of ISSMGE. It also describes what geotechnical engineers do, and the impact of the profession on society. This article was developed in 2 versions. The short version was published in the Science Omega Forum magazine, a new scientific magazine in Europe/England. The long version was used as the script for the “What is Geotechnical Engineering” Movie.

7.6 Geotechnical Engineering Time Capsule

The time capsule is a PRC idea and achievement. It consists of a container, the size of a small barrel (large trash can), where every member society (country) is allowed to insert his object/idea that best describes how geotechnical engineering is applied nowadays. It can be a book, a movie in some format, a tool or lab equipment, or others... This time capsule will be locked and labeled as the ISSMGE time capsule and preserved in a scientific museum, only to be opened in 150 years!

7.7 Outstanding Public Relations Award

The PRC committee with its task force helped organize and nominate candidates for the Public Relations award to be given

at the Paris conference in Sept. 2013. The Award committee chose to give the Outstanding PR award to the chair of PRC Dr. Marc Ballouz from Lebanon.

8 CONCLUSION

The PRC committee with its task force helped organize and nominate candidates for the Public Relations award to be given at the Paris conference in Sept. 2013. The Award committee chose to give the Outstanding PR award to the chair of PRC Dr. Marc Ballouz from Lebanon.

9 RECOMMENDATIONS FOR FUTURE WORK

Even though the PRC considers that a lot has been done in a limited time, there are still a lot of objectives to be achieved and a lot of ideas to be developed. To name a few of them:

- Distribute brochures in all institutions around the globe with the help of country members
- Promote and market continuously the new PRC movie and website at every occasion and electronically
- Contact major news media, TV channels, and radio to talk about geotechnical engineering, guided by the article and movie produced.
- Organize the means to help the general public, fellow engineers and governmental organizations when a natural disaster occurs in a specific region of the world

This is just the beginning... hoping that the PRC committee will continue to thrive!

Appendix 12: Report on the ISSMGE Foundation

Report de la fondation ISSMGE

H.G. Poulos
Chair, MPAC

1 PURPOSE OF THE FOUNDATION

The Foundation of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) was created to provide financial help to geotechnical engineers throughout the world who wish to further their geotechnical engineering knowledge and enhance their practice through various activities which they could not otherwise afford. These activities include attending conferences, participating in continuing education events, purchasing geotechnical reference books and manuals. The financial assistance is in the form of a “bursary” which the successful applicant can use to pay registration costs, and travel and accommodation expenses.

Only applications from current members of ISSMGE are considered.

2 FOUNDATION FUNDING

Funding for the ISSMGE Foundation will be generated from companies and individuals who care about the well-being of less fortunate geotechnical engineers in the world. The funding levels are as follows:

- Diamond: \$50,000 and above
- Platinum: \$25,000 to \$49,999
- Gold: \$10,000 to \$24,999
- Silver: \$1000 to \$9,999
- Bronze: \$0 to \$999

The names of the donors are recognized with the corresponding levels on the ISSMGE web site under the page dedicated to the ISSMGE Foundation, in the ISSMGE Bulletin on the page dedicated to the ISSMGE Foundation. They will also be recognised at future International Conferences on Soil Mechanics and Geotechnical Engineering.

To date, a total of US\$ 161,336 has been contributed by 21 organizations and individuals. Donor details are listed at the end of this report.

3 PROCEDURE FOR AWARDING BURSARIES

The following procedure has been developed to assess applications for ISSMGE Foundation bursaries:

- a. Applications can be submitted four times yearly (at 3-month intervals) on a standard form, to the Secretary General of ISSMGE;
- b. These applications are sent to a sub-committee of

the ISSMGE Membership, Practitioner, and Academicians Committee (MPAC);

- c. The sub-committee will assess the applications of the basis of the following criteria:
 - i. Demonstration of need;
 - ii. Quality of the activity;
 - iii. Cost-sharing;
 - iv. Potential impact of the activity on the career progress of the individual and of his or her Member Society.
- d. Decisions are made and communicated within the two months following the application round.
- e. After the successful applicant has completed his/her nominated activity, they provide a written report to the Chair of MPAC stating the benefits that they and their Society have gained from the award of the bursary.

The sub-committee for the period up to September 2013 is as follows:

Professor Harry Poulos (MPAC Chair)
Dr. Luiz Guilherme de Mello
Dr. Marcellin Kana.

4 AWARDS TO DATE

To date, there have been a total of 42 applicants, and 34 bursaries, totalling US\$42400, have been awarded, a success rate of just over 80%.

The details of the grants are set out in Table 1 below.

The reports of the awardees that have attended conferences up to and including 2011 have appeared in previous issues of the ISSMGE Bulletin, starting with Volume 4, Issue 4, December 2010.

5 IMPACT OF THE FOUNDATION

It has become very clear that the financial assistance provided by the ISSMGE Foundation has started to have a very positive impact on the individuals receiving the bursaries and also on their Member Societies. In particular, two awards of the awards have influenced the formation of a new Member Society, Cuba.

As recognition of the awards becomes more widespread, we are seeing an acceleration in the rate of applications, especially for the forthcoming 18th International Conference on Soil Mechanics and Geotechnical Engineering, and the associated International Young Engineers Geotechnical Conference, both in Paris. Thus, the ISSMGE Foundation is already fulfilling its

objectives provide financial help to geotechnical engineers throughout the world who wish to further their knowledge and practice through activities which they could not otherwise afford.

6 LIST OF DONORS

(as at May 2013, in alphabetical order)

6.1 Individuals

Dr. M. Ballouz
 Prof. & Mrs J-L Briaud
 Prof. Z. Chen
 Prof. Yoshinori Iwasaki
 Prof. Anand Puppala
 Prof. J. Schmertmann
 Prof. Ikuo Towhata
 Prof. M. Tumay
 Prof. Askar Zhussupbekhov

6.2 Organizations

ASCE-Geo-Institute
 California Geotechnical Engineers Association
 Chinese Institution of Soil Mechanics & Geotechnical Engineering
 Chinese Taipei Geotechnical Society
 Deep Foundations Institute
 East China Architectural Design & Research Co.
 International IGM
 ISSMGE
 ISSMGE TC Forensic Geotechnical Engineering
 Japanese Geotechnical Society
 Korean Geotechnical Society Nagadi Consultants
 Yonsei University

Table 1 Grants Awarded (to August 2013)

APPLICANT	Country	Event	Grant USD
Imen SAID EP GRAIET	Tunisia	Internat Conf Environmental Geotechnic, New Delhi, India, Nov 2010	350
Juan Luis AYALA TORRES	Chile	5 Internat Conf on Earthquake Geotechnical Engineering, Santiago, Chile, Jan 2011	250
Mauricio JARA ORTIZ	Chile	5 Internat Conf on Earthquake Geotechnical Engineering, Santiago, Chile, Jan 2011	250
Pablo GACITUA CARCAMO	Chile	5 Internat Conf on Earthquake Geotechnical Engineering, Santiago, Chile, Jan 2011	250
Nadeej Hansaraj PRIYANKARA	Sri Lanka	14 Asian Reg. Conf. SMGE, Hong Kong, May 2011	700
Gilberto QUEVEDO SOTOLONGO	Cuba	Pan-Am/CGS 2011, October 2011	900
Yoermes GONZALEZ HARAMBOURE	Cuba	Pan-Am/CGS 2011, October 2011	900
Zoran BERISAVLJEVIC	Serbia	Advanced Course on Computational Geotechnics, Istanbul, Turkey, April 2012	1000
Nurgul ALIBEKOVA	Kazakhstan	Russian Geotechnical Conference, St Petersburg, Feb 2012	1300
C OGBODO MUNACHISO	Nigeria	3 African YGEC, November 2012	1540
Faith Etunem OSEGI	Nigeria	3 African YGEC, November 2012	1600
Ching HUNG	China	7 Asian YGEC, Tokushima University, Japan, Sept, 2012	1400
Baribeop KABARI	Nigeria	3 African YGEC, November 2012	2000
Mohsin Usman QURESHI	Pakistan	7 Asian YGEC, Tokushima University, Japan, Sept, 2012	1800
Erdi MYFTARAGA	Albania	7 Asian YGEC, Tokushima University, Japan, Sept, 2012	2000

APPLICANT	Country	Event	Grant USD
Abdolreza OSOULI	USA	Geo-Congress Conference 2013, March 3-6, San Diego, CA	1400
Abir MEJRI	Tunisia	3 African YGEC, November 2012	400
Mohamed Elbyhagi Elfadil MOHAMED	Sudan	Third international conference for geotechnical engineers, Tunisia, February, 2013	1500
Ali Hefdhallah Ali AL-BATTAL	Egypt	7 Internat Conf Case Histories in GE and Symposium in Honor of Clyde Baker, April 29 - May 4, 2013, Chicago, Illinois	2000
Marcos Alexis MONTORO	Argentina	5iYGEC Aug 31 – Sept 2013, 18ICSMGE, Sept. 2013,	920
Olsi KORETA	Albania	5iYGEC Aug 31 – Sept 2013,	1000
Ani KOSHO	Albania	5iYGEC Aug 31 – Sept 2013	1500
Heba KAMAL	Egypt	18ICSMGE, Sept. 2013	1800
Ghassan AKROUCH	Lebanon	18ICSMGE, Sept. 2013	1000
Stacey TUCKER	USA	18ICSMGE, Sept. 2013	1000
Taras KALIUKH	Ukraine	5iYGEC Aug 31 – Sept 2013,	420
Sergey POKLONSKY	Ukraine	5iYGEC Aug 31 – Sept 2013,	420
Assem ISSINA	Kazakhstan	5iYGEC Aug 31 – Sept 2013,	1250
Layal MADDAH	Lebanon	5iYGEC Aug 31 – Sept 2013,	1250
Hai Minh NGUYEN	Vietnam	18ICSMGE, Sept. 2013	2000
Serge Aurelian B. NYOGOG	Cameroon/CTGA	18ICSMGE, Sept. 2013	1350
Suganya KUPPUSAMY	India	18ICSMGE, Sept. 2013	1000
Jeanne F. Tsala NOMO	Cameroon/CTGA	18ICSMGE, Sept. 2013	1350
Yelbek UTEPOV	Kazakhstan	5iYGEC Aug 31 – Sept 2013,	1500
		TOTAL	\$42,400

Appendix 13: ISSMGE Conference Manual

R. Neil Taylor
Secretary General

INTRODUCTION.

In his progress report issued on 9 November 2012, the President announced changes to the ISSMGE Conference Manual to be implemented in January 2013. The main changes concerned the surcharge to be added to conference registration fees for ISSMGE events and the use of the ISSMGE logo in promotional material. The revised ISSMGE Conference Manual can be found on our website and is also attached herewith.).

1 INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

CONFERENCES, SYMPOSIA AND WORKSHOPS ENDORSED BY THE ISSMGE

1.1 INTRODUCTION

The ISSMGE is the pre-eminent professional body representing the interests and activities of Engineers, Academics and Contractors all over the world that actively participate in geotechnical engineering. It has a long- standing tradition of involvement in conferences, symposia, workshops and other meetings to provide forums for discussion on a wide range of topics of direct relevance to the geotechnical engineering profession. The ISSMGE is noted as being involved with conferences of high quality which is signified by the use of its logo on publicity material associated with events. Accordingly, it is expected that all events endorsed by the ISSMGE will adhere to the guidelines on conference organisation.

1.2 ENDORSEMENT OF CONFERENCES, AND THE USE OF THE ISSMGE LOGO

The organisers of various geotechnical conferences, symposia and events may wish to make use of the ISSMGE logo for publicity purposes and quality assurance. The circumstances under which the ISSMGE logo may be used, the associated wording and any other requirements are described in Appendix A as follows:

- A1 Conferences organised under the auspices of ISSMGE (ISSMGE Quadrennial, ISSMGE Regional and ISSMGE Technical Committee conferences)
- A2 Specialist Conferences not organised by Technical Committees but with support requested from TCs
- A3 Conferences organised by ISSMGE Member Societies and FedIGS Sister Societies (IGS, ISRM and IAEG)
- A4 Other geotechnical conferences

1.3 Conference Organisation

The ISSMGE has a long-standing reputation of delivering high quality conferences dedicated to the advancement of geotechnical engineering and involving many of its members who contribute to the ISSMGE Technical Committees that are very well established within the geotechnical community. This combined extensive experience has led to the general guidelines on conference organisation given in Appendix B.

Appendix A: GEOTECHNICAL CONFERENCES AND EVENTS MAKING USE OF THE ISSMGE LOGO

A1 Conferences organised under the auspices of ISSMGE

A1.1 ISSMGE conferences

Quadrennial International Conference

The Quadrennial International Conference is the premier conference central to the International Society. As well as the conference sessions, a number of meetings take place during the event including those of the ISSMGE Board and Council. Many of the ISSMGE Technical Committees will also take the opportunity to organise meetings and/or workshop sessions. The general organisation is covered by the ISSMGE Statutes and By-laws and the venue of the International Conference is normally decided by vote at a Council meeting.

Regional Conferences

There are five Regional Conferences: African, Asian, Australia – New Zealand, European and Pan-American. These are held on a four-year cycle roughly mid-way between successive International Conferences. An ISSMGE Council meeting takes place at one of these conferences. The conferences provide an opportunity to discuss a wide range of geotechnical issues, generally with a regional bias. Representatives of the Member Societies for the region meet during their Regional Conference and select the venue for the next conference.

Technical Committee Conferences

The ISSMGE has a number of Technical Committees that coordinate initiatives in specialist areas of geotechnical engineering. These committees often organise conferences that serve to coordinate the dissemination of their findings to the wider geotechnical community. The conferences may be one-off events though some of the more long-standing Technical

Committees have established conferences held usually on a 3 or 4-year cycle.

A1.2 Publicity and use of the ISSMGE Logo

Conferences organised “under the auspices of ISSMGE” should be publicised by using the Society’s logo (below) on all publicity, printed material, conference proceedings and websites dedicated to the conference. The normal size of the logo is height 3cm and width 3.7cm though this can be reduced to up to 50% provided the aspect ratio is maintained. Wording on printed and internet publicity should indicate that the conference is organised under the auspices of ISSMGE.

The logo can be obtained from the ISSMGE Secretariat email: secretariat@issmge.org



A1.3 Registration Fees

ISSMGE conferences are intended mainly to benefit the geotechnical community and should be organised on a non-profit basis. Conference fees should cover the normal expenses including hire of an appropriate venue, publication of the proceedings, technical visits relevant to the conference, provision of appropriate translation facilities, some refreshments etc. ISSMGE members should be the main beneficiaries of the conference and non-ISSMGE delegates should be subject to a 10% surcharge on their registration fee. Attendance by students and young engineers is to be encouraged by provision of a discounted registration rate. Details of registration fees etc. should be made available as soon as possible in advance of the conference. Any special financial conditions, for example the required attendance of authors at the conference, should be stipulated when the conference is announced.

A1.4 Remittances to ISSMGE

A proportion of the registration fee income for the International Conference and the Regional Conferences provides a source of income for the ISSMGE. The percentage of registration fee income remitted to the ISSMGE in respect of these conferences is set out in the table below:

Conference	Percentage of registration fee income remitted to ISSMGE
Quadrennial International Conference	5%
Regional Conference	3%

A1.5 Support in kind to ISSMGE

ISSMGE Officers are often invited to attend the Quadrennial International, Regional and Technical Committee conferences. It is normal to offer some support in kind, usually in the form of waived registration fees.

A1.6 Special arrangements when hosting ISSMGE Council and Board meetings

Council Meetings: These are organised every 2 years and take place in conjunction with the International Conference and one of the Regional Conferences. The Council Meeting is normally preceded by a Board Meeting. In addition to the provision of a suitable room for the meetings and associated facilities etc. it is expected that the Conference Organisers will also host the President, Secretary General and other officers of the ISSMGE. This will normally involve waived registration fees and assistance with accommodation and should be discussed with the Secretary General.

Board Meetings: The Board meets every 6 – 12 months and meetings are usually held at the venue of an ISSMGE event. Conference organisers normally host the Board on these occasions and it is expected that all Board members will be invited to the associated conference and their registration fees waived. Normally, some assistance with accommodation is provided. Details should be discussed with the Secretary General.

A2 Specialist Conferences not organised by Technical Committees but with support requested from TCs.

Chairs of Technical Committees are approached frequently by international technical groups and organisations that organise conferences and symposia asking for their support, cooperation and involvement. Technical Committee Chairs have no authority to “badge” such conferences and all such requests must be forwarded to the ISSMGE Secretariat for consideration. The Secretary General may, after consultation with the ISSMGE President, request that the ISSMGE be represented on the organising committee for the conference by a member (or members) of an appropriate Technical Committee. It will be a condition of the support of the ISSMGE that it shall be made clear on all publicity material, at the conference venue and in any printed proceedings, that the meeting is supported by the ISSMGE. The ISSMGE logo, shown below, should appear on all publicity materials. The normal size of the logo is height 3cm and width 3.7cm though this can be reduced to up to 50% provided the aspect ratio is maintained. The logo can be obtained from the ISSMGE Secretariat email: secretariat@issmge.org

ISSMGE Officers or other prominent individuals are often invited to attend these conferences. It is normal to offer some support in kind, usually in the form of waived registration fees.



A3 Conferences organised by ISSMGE Member Societies and FedIGS Sister Societies (IGS, ISRM and IAEG)

ISSMGE Member Societies and FedIGS Sister Societies (IGS, ISRM and IAEG) are permitted to use the ISSMGE logo on publicity materials. However, permission to do so must first be obtained from the ISSMGE Secretariat. The Secretary General may, after consultation with the ISSMGE President, request that the ISSMGE be represented on the organising committee for

conferences organised by FedIGS Sister Societies as a condition of its permission to use the ISSMGE logo. It will be a condition of the support of the ISSMGE that it shall be made clear on all publicity material, at the conference venue and in any printed proceedings, that the meeting is supported by the ISSMGE. The ISSMGE logo, shown below, should appear on all publicity materials. The normal size of the logo is height 3cm and width 3.7cm though this can be reduced to up to 50% provided the aspect ratio is maintained. The logo can be obtained from the ISSMGE Secretariat email: secretariat@issmge.org

ISSMGE Officers or other prominent individuals are often invited to attend these conferences. Whenever possible, some support in kind should be offered, usually in the form of waived registration fees



Appendix B: CONFERENCE ORGANISATION

B.1 Introduction

There is a wide range of conferences organised “under the auspices of ISSMGE”. In order for this to have meaning it is necessary to adhere to a minimum set of requirements as regards the organising committee, any advisory committees, refereeing of papers, setting fees, etc. As a general requirement, it is expected that all members of advisory and organising committees will be members of the International Society for Soil Mechanics and Geotechnical Engineering.

B.2 Organising Committee

The conference organising committee takes responsibility for the administration, detailed organisation and financing of a conference. Thus the Organising Committee comprises mainly individuals local to the host country. Others may be involved, and in particular the organising committee should consult with appropriate officers of the ISSMGE. For the International Conference, these necessarily include the President and Secretary General and for the Regional Conferences the relevant Vice-Presidents must be involved. The organisers of specialist conferences should keep informed the Vice-President for the Region acting as host to a Technical Committee and the Secretary General.

B.3 Advisory Committee

The Advisory Committee is responsible for such issues as the technical programme, keynote speakers, session leaders etc. For the International Conference the committee normally comprises the President, the Vice-President of the region in which the conference is to be held, the secretary or chairman of the Organising Committee for the previous International Conference, two members of the Organising Committee for the current conference and the Secretary General. Comparable arrangements should be made in respect of other conferences. For example, for the Regional Conferences the Vice-Presidents will have a primary role though the President may also be invited to contribute. For specialist conferences core members from the relevant Technical Committees should be involved.

B.4 Papers

The strength of ISSMGE conferences lies in the quality of the published papers and it is the responsibility of the conference organisers to ensure that high standards are maintained. It is

expected that the Abstracts and Papers will be reviewed and refereed to ensure that they fall within the scope of the conference and are of an appropriate standard both in terms of technical and presentational quality. The conference organisers will need to establish an appropriate team of referees who are members of ISSMGE and who are knowledgeable of the requirements for the critical review of technical literature. For the International and Regional conferences, refereeing of Abstracts and Papers is normally delegated to the relevant Member Societies though it is expected that members of Technical Committees will be involved. A list of referees involved should normally be printed in the conference proceedings.

B.5 Publication

ISSMGE conferences should result in referable technical literature. There must be a clear statement in the Preface or in some other appropriate place that the published papers have been refereed and giving details of the referee process. Publications have normally been in the form of printed proceedings though alternative forms of publication media can be considered provided that the proceedings can be available for reference in the long-term. A copy of the published proceedings must be sent to SGI-line for inclusion in their Geotechnical Literature Database.

B.6 Involvement of Technical Committees

The Technical Committees perform an important function for ISSMGE. The committees have members who are both enthusiasts and specialists in their area. They meet regularly to exchange new ideas on technical developments and to develop publications on new guidelines or state-of-the-art reports etc. It is therefore expected that key Technical Committee members will be involved in the organisation and delivery of conference sessions that are directly related to their technical expertise.

B.7 Involvement of practitioners

The ISSMGE aims to cater for the needs of all members of the geotechnical community. Conference organisers are encouraged to ensure a balance between the involvement of academics, researchers and practitioners in the organisation of the conference and in the conference programme. The extent of practitioner involvement will vary depending on the nature of the conference. As a guideline, practitioner involvement in general conferences should preferably not be less than 25% increasing to 50% in the case of practical speciality conferences.

B.8 Exhibitors and sponsorship

It is quite normal for conferences to include a technical exhibition related to the theme of the conference. This is to be encouraged. Conference organisers should recognise that individuals or companies paying for exhibition space often guarantee the financial viability of a conference. The venue for the exhibition should be chosen to be as near to the conference halls as practicable and care should be taken to ensure that delegates have the opportunity and occasion to visit the exhibition. A particularly successful arrangement has been to organise the coffee breaks etc. within the exhibition area. Also, there should normally be an official opening ceremony for the exhibition followed by a period when delegates can visit the exhibition with no other planned conference activities.

Appendix 14: ISSMGE Task Force on Copyright – Proposal on Publishing and Copyright

K. Rainer Massarsch
Chair

Bengt H. Fellenius
Vice-Chair

1 INTRODUCTION

The ISSMGE Board decided to establish a Task Force to study the current copyright practice and to develop a formal position for ISSMGE. By letter dated May 14, 2012, the President appointed K. Rainer Massarsch (Sweden) as Chair and Bengt H. Fellenius (Canada) as Vice-Chair and outlined steps to implement the work. The President expected final recommendations from the Task Force before the end of 2012. The Swedish Geotechnical Society endorsed the work of the Task Force and accepted to sponsor the work of the chairman.

The following members accepted to contribute to the work of the Task Force: Dimitrios Zekkos, USA and Andrew Bond, United Kingdom.

After an initial exchange of information between the members of the Task Force, different participants of the publishing process were contacted by the chairman. These contacts included representatives of libraries, publishers of books and journals, organizing committees of ISSMGE conferences and organisations working with copyright issues.

Publishers of geotechnical books and journals were contacted and a meeting was held with one major publisher to discuss copyright issues from their perspective. The present report is based on this information and documents available on the Internet.

During the progress of the work, members of the Task Force and the President were kept informed about the steps taken.

2 ISSMGE AND THE PUBLISHING INDUSTRY

The publishing industry is undergoing rapid changes, due to new, efficient ways of compiling information, producing publications, digital publishing and/or printing and dissemination of information, for instance on the Internet.

Copyright for articles or books plays a central role in protecting the creator of intellectual property. Therefore, the author of an article or book needs to be—but often is not—aware of the consequences when transferring copyright to a publisher.

In this context, ISSMGE as the umbrella organisation of geotechnical and geo-environmental engineers world-wide, has an important function as:

- organizer of conferences and symposia which are documented by proceedings in print and/or digital format;
- sponsor of conferences organized by ISSMGE Technical Committees;
- publisher of technical information on the ISSMGE Web site and elsewhere; and
- representative of the interests of geo engineers world-wide.

In addition, members of ISSMGE contribute as authors, reviewers, and presenters at conferences and meetings to the dissemination of geotechnical and geo-related information. Therefore, ISSMGE should assist its members in their effort of publishing articles, to protect their interest and those of the geo-profession.

Publishers of journals, books, and other publications have been eager to protect their interests by requiring acceptance of extensive copyright conditions from authors. Authors of articles are frequently not aware of the consequences of transferring exclusive copyright to a publisher. For instance, by transferring exclusive copyright to a publisher the authors may require permission from the publisher to use and further develop contents of their own article (text, figures, tables, or images).

A publisher, who has been awarded exclusive copyright, can restrict the author's reproduction of text, figures, tables, or images. Publishers sometimes charge significant fees from the author for reproducing of even limited information (e.g., figures or images) from publications.

Considering the often ambiguous implications of transferring copyright (exclusive or non-exclusive), it is in the interest of the author to give the publisher only exclusive publishing rights. In this way, the author retains many of the important rights of disseminating the information contained in the work.

3 ISSMGE PUBLISHING POLICY PROPOSAL

ISSMGE cannot directly change the attitude of publishers of journals or books. However, as organizer of conferences and symposia, ISSMGE can state requirements in negotiations with publishers. ISSMGE conference organizers are frequently not aware of the implications when negotiating publishing contracts, and of the consequences to authors.

A draft of an ISSMGE Publishing Policy is outlined in the attached document "ISSMGE Publishing Policy and Terms of Use". Attached is also a draft "Exclusive Publication Agreement" which can be used by authors when negotiating with publishers. It is based on an evaluation of guidelines applied by publishers of journals but considers also the legitimate interests of authors.

4 RECOMMENDATIONS

The Task Force submits to the ISSMGE Board the following recommendations:

1. This proposal is intended for publications (proceedings of conferences and symposia), which are published within the ISSMGE domain including international and regional conferences as well as other events organized by ISSMGE Technical Committees.

2. According to the recommendations in the "ISSMGE Publishing Policy and Terms of Use", authors of publications shall retain full copyright. Publishers are given the right of exclusive publication.
3. An Exclusive Publication Agreement form has been prepared, based on the Publishing Policy document. If endorsed by the ISSMGE Board, this form could be used as guidance document by ISSMGE members when negotiating with publishers of journals.
4. If deemed appropriate, the ISSMGE Board may wish to discuss the Publishing Policy document with ISSMGE

sister societies in order to harmonize the publication of technical information.

The present report by the Task Force has addressed publication of articles within the ISSMGE domain.

It is proposed that the Terms of the Task Force are extended to address in the next phase how ISSMGE can contribute actively to the electronic publication of journals or books.

This report is respectfully submitted by the ISSMGE Task Force on Copyright.

Bromma, June 27, 2013

APPENDIX A ISSMGE PUBLISHING POLICY AND TERMS OF USE

1 GENERAL

It is the intention that readers have access to the widest possible range of content and that this content can be shared to enable the most effective research, study, teaching, and practice of geotechnical and geo-environmental engineering and associated fields of application. Efficient dissemination of published information is in the interest of the geo-engineering profession.

The three main players have – sometimes – conflicting interest in the publication and information dissemination process. The primary interests are briefly outlined below:

Author	• Retain full copyright to published material • Publication by reputed publisher, giving exclusive publishing right • Review of manuscript prior to publication • Publication in print and in electronic format • Permission to post his/her manuscript on own web site • Partial re-use of his/her published information in subsequent publications • Ability for others to use excerpts of published information (figures, tables, text excerpts) at no cost and without administrative burden
Publisher	• Obtain complete and exclusive copyright to publication • Limit cost for producing publications • Restrict free access to information (commercialization) • Sale of publications (books, journals etc.) in printed and - increasingly also - electronic format • Avoid duplicate publication
Geo-profession	• High quality of publication assured by review process • Facilitate dissemination of information • Limit cost for producing publications • Limit cost for acquiring publications • Ability to reproduce published material • Avoid duplicate publication

The author(s) of a manuscript is usually not aware of the rights and limitations when submitting manuscripts to publishers.

This document outlines the Publishing Policy endorsed by ISSMGE and intended to provide a compromise for producing future publications.

2 RIGHTS OF AUTHOR

The rights of Author(s) are intended to help in their academic and professional work and are subject to the following conditions:

- a. these rights may not be used for commercial purposes;
- b. these rights should not be used in a way that involves duplicate publication that will compete with the Publisher's own publications; and
- c. each use must contain an acknowledgement to the journal/book as the original source of publication in the form: "[Journal/Book] [Volume/Publication Year] [URL of the item as published by Publisher] [Year]."

Ownership of the copyright contained in the Manuscript ("the Material") remains with the Author(s) who retain the following rights:

1. to post copy of their submitted Manuscript (Pre-print) on their own Web site, an institutional repository, or their funding body's designated archive;
2. to post copy of their accepted Manuscript (Post-print) on their own Web site, an institutional repository, or their funding body's designated archive. Authors who archive or self-archive accepted Publications must provide a hyperlink from the manuscript to the Journal's Web site;
3. Authors and any academic institution where they work at the time may reproduce their Manuscript for the purpose of course teaching;
4. to reuse – as stated in paragraph 3 - part of the Manuscript in other works created by the Author(s), provided the original publication is acknowledged through a note or citation in a format acceptable to the Publisher;
5. to prepare derivative works from the publication.

Permission must be sought for uses other than those defined above. Other than the use outlined above no publication may be captured or downloaded electronically into any format without the Publisher's and Author's specific written permission.

3 PUBLISHING CONDITIONS

The Author(s) retain copyright but assigns the Publisher the exclusive right to publish the Material.

The substantial investment made by the Publisher in protecting and enhancing the quality of the content is recognised. It is necessary, therefore, to impose the following conditions on the use of published Material.

3.1 General Rights

Corresponding Author and contributing Authors grant full and exclusive publishing rights of their Material to the Publisher. In assigning exclusive publishing rights, the Author is not forfeiting the rights to use the contribution as stated in paragraph 2.

3.2 Patent and Trademark Rights

The right to be identified as the Author(s) (i.e. by asserting Authors' rights under copyright law).

3.3 Re-use of Material by Author(s)

In assigning publication permission, the right of the Author to use parts of his or her Material elsewhere are retained. Figures, tables, and other limited extracts may be used without permission as long as they represent less than 20 % of the new work. However, republishing the whole article, or a substantial part of it, requires the permission of the Publisher.

The Publisher shall maintain a firm policy against duplicate publication unless there are exceptional circumstances.

3.4 Re-use of Material by Others

The re-use of three figures, tables or text extracts less than 100 words by third parties is free of charge and permitted without the Author's or Publishers permission. In all case proper credit must be clearly given as stated above.

All requests to reproduce or re-use the whole or a substantial part of the Material in another publication will be conditional upon the Authors' consent and subject to the Publisher's approval.

The party seeking permission will be instructed to write to the Publisher and to obtain the Authors' consent.

APPENDIX B EXCLUSIVE PUBLICATION AGREEMENT

Exclusive Publication Agreement

Publisher: _____

Publication Title: _____

Article: _____

Article reference no: _____

Corresponding Author's name and address:

1. Statement of rights and acceptance of conditions of publication by the Corresponding Author on behalf of all authors of the article

The Author(s) hereby asserts to be identified as the Author(s) of the Work.

The Author(s) warrant(s) that the Manuscript is based on his/her/their original work, that the Manuscript has not been published before, and is not currently under consideration for publication elsewhere, and that it contains no libellous or unlawful statements and that it in no way infringes the rights of others.

The Publisher is empowered to make such editorial changes as may be necessary to make the work suitable for publication in printed and electronic form. The Corresponding Author will be consulted if substantive changes are required. No changes to the work may be made after the date of first publication, whether in print or digitally, other than for gross factual errors, breach of third party copyright, or content that is defamatory or otherwise unlawful.

2. Assignment of Exclusive Publishing Right

(a) Name and address of owner of copyright owner:

(b) The owner hereby grants the Publisher exclusive permission to publish the Manuscript in paper, electronic, and facsimile formats, and for electronic capture, reproduction, and licensing in all formats, in whole or in part, in the original and also grants non-exclusive rights to deal with requests from third parties.

Signature: _____

Date: _____

NOTES

Rights of Author(s)

The Rights of Author(s) are described in detail in the attached document: "Publishing Policy and Terms of Use" (Publishing Policy).

Publishing Conditions are detailed in Section 3 of the attached Publishing Policy document.

Author(s) right to use material

In assigning publication permission, the right of the Author to use parts of his or her Material elsewhere are retained. Figures, tables, and other limited extracts may be used without permission. However, republishing the whole article, or a substantial part of it, requires the permission of the Publisher. The Publisher shall maintain a firm policy against duplicate publication unless there are exceptional circumstances.

Requests from third parties

The re-use of three figures, tables or text extracts less than 100 words in length by third parties is free of charge and permitted without the Author's or Publishers permission. In all case proper credit must be clearly given.

All requests to reprint the Material, or a substantial part of it, in another publication will be subject to Publisher's approval. The party seeking permission will be instructed to submit the request in writing to the Publisher. The Author(s) shall be informed by the Publisher thereof.

Employers as copyright holder

In some cases copyright will be held by the Author's employer. If so, the Publisher requires non-exclusive permission to deal with requests from third parties, on the understanding that any requests it receives from third parties will be handled as outlined above (i.e., the author and not the author's employer will be asked to approve the proposed use).

An employer may use material from the Material in reports and elsewhere, but must not republish the whole article or a substantial part of it without permission. The employer must abide by the Publisher terms and conditions for posting of PDFs.

Appendix 15: ISSMGE International Seminars

P. Sêco e Pinto

ISSMGE Immediate Past President

The Touring Lectures Program was planned by ISSMGE to disseminate the current state-of-the art/practice amongst geotechnical engineers involved in the design and practice in developing countries.

ISSMGE International Seminars (Touring Lectures) have the following purposes:

- To address a topic selected by the Host Society;
- To address the interests of practitioner engineers;
- To attract young geotechnical engineers;
- To incorporate a good mix of routine and modern soil mechanics and to cover case histories;
- To allocate after each lecture a period for discussions, in order to stimulate questions and to share experiences from the participants;
- To have a strong local support;
- To have the support of the Industry;
- 2 days of lectures delivered by 4 international experts appointed by the Co-ordinator and 2 lecturers appointed by the Host Society;
- In the 3rd day a technical visit (optional)

All the written versions of the lectures should be sent to the Host Society with 2 months in advance in order to be prepared a Seminar Volume/CD-Rom.

The first Touring Lecture took place in Lagos, 2001 and the second one in St. Petersburg, in 2004.

During the period (2005-2009) 21 Touring Lectures – International Seminars were organized namely in Chile, in Paraguay, in Tunisia, in Vietnam, in Albania, in Croatia, in Costa Rica, in El Salvador, in Indonesia, in China, in Sri Lanka, in Nigeria, in Ecuador, in Pakistan, in Makedonia, in Cambodia, in Laos, in Myanmar, in Hungary, in Ghana and in Mozambique.

During the period (2009-2013) 17 Touring Lectures – International Seminars were organized namely in:

- In 2010 in Dominican Republic, Philippines (Manila), South Africa (Pretoria), Argentine (Cordoba) and Bangladesh (Dacca)
- In 2011 in Peru (Lima), Malaysia (Kuala Lumpur), Laos (Vientiane), Cambodia (Penhom Penh) and Myanmar (Yangoon and Mandalay)
- In 2012 in Singapore, Malaysia (Kuala Lumpur), Philippines (Los Angeles and Puerto Princesa), Laos (Vientiane) and Cambodia (Pnhom Penh)
- In 2013 in North Sudan (Karthoum)

From the collected experience to organize a Touring Lecture/International Seminar there is a need of 4-6 months of preparation and to exchange around 60 e-mails with the Host Society and the Lecturers.

I would like to take this opportunity to thank the Host Member Societies, the Technical Committees, the President, the Regional Vice Presidents, the Invited Lecturers and the Sponsors for their contributions and support

I will summarize this rich experience in the following words:

- There is still much darkness in the world. But trust me, there is also more light in it than ever. So many people have come to realize that you can curse the darkness or you can have the courage to be one who lights a candle.
- We want all of you to make part of our community, to promote your growth and to make you feel that you are contributing for our dream come true.
- Interaction with people is important, because I believe this experience will help us with new ideas and interesting insights.

Last but not least I would like to address to all of you a word of praise and gratitude for your contributions and a message of hope that this Seminar will allow us to develop a feeling of universal responsibility and to create the ambition to serve better our Society, quoting T.H. Huxley's memorable lines

The known is finite
The unknown is infinite
Intellectually we are in the middle of an islet
Surrounded by an immense ocean of inexplicability.
Our business in each generation is to
Reclaim a little more land
To add something to the extent and solitude of our possessions". (1856).

Haiti/Dominican Republic



Philippines/Manila



Argentina/Cordoba



South Africa/Pretoria



Cambodia/Phnom Penh



Laos/Vientiane



Myanmar/Yangon/Mandalay



Philippines/Los Angeles



Cambodia/Phnom Penh



Philippines/Palawan



North Sudan/Karthoum



Appendix 16: Presentation of audited accounts, and comparison with budget 2011 - 2012

R. Neil Taylor
Secretary General, ISSMGE

INDEPENDENT EXAMINERS' REPORT TO THE COUNCIL MEMBERS OF THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

I have examined the receipts and payments account of the International Society for Soil Mechanics and Geotechnical Engineering (the Society) for the year ended 31 December 2011 and the related information.

This report is made solely to the Council members, as a body, in accordance with our engagement letter. Our examination work has been undertaken so that we might state to the Council members those matters we are required to state to them in an examiners' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than Council members as a body, for our work, for this report, or for the opinions we have formed.

Respective responsibilities of Secretary General and Independent Examiner

The Society's Secretary General is responsible for the preparation of the receipts and payments account, which has been prepared under the Society's statutes and By-Laws.

Our responsibility is to examine the receipts and payments account and related information.

We report to you our opinion as to whether the receipts and payments account properly presents the receipts and payments of the Society.

Basis of Independent Examiners Report

We conducted our examination in accordance with the ISSMGE's Statutes and By-Laws. An examination includes a review of the accounting records kept by the Society and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts and seeking of explanations from you as Council Members concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and, consequently no opinion is given as to whether the accounts present a 'true and fair view' and the report is limited to those matters set out in the statement below.

Independent Examiners Statement

In my opinion the accounts:

- properly present the receipts and payments of the Society for the year ended 31 December 2011.



Alison Sargent FCA
Sargent & Co
Chartered Accountants
194B Addington Road
Selsdon, South Croydon
Surrey CR2 8LD

Date: 30 November 2012

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31 DECEMBER 2011

	Barclays Bank Plc SFr	Barclays Bank Plc £	Investment Accounts £	City University £	HSBC Foundation £
RECEIPTS					
Member Society Subscriptions	-	205,652	-	1,011	-
Donations	-	-	-	-	92
Interest	-	1,368	420	-	41
Corporate Member Subscriptions	-	22,266	-	-	-
Conference Income	-	16,946	-	-	-
	<u>-</u>	<u>246,232</u>	<u>420</u>	<u>1,011</u>	<u>133</u>
EXPENDITURE					
Secretariat					
President part time support	-	18,000	-	-	-
Secretary general support	-	-	-	36,116	-
Office Expenses - President	-	5,000	-	-	-
Office Expenses Secretariat	-	827	-	878	-
Amendment re prior year	-	-	-	-	-
Secretary General	-	22,000	-	-	-
Conference support	-	-	-	-	-
Young Members Awards	-	-	-	-	-
List of Members	-	-	-	-	-
Kevin Nash Gold Medal	-	-	-	-	-
Bulletin	-	-	-	-	-
Case History Journal	-	-	-	-	-
	<u>-</u>	<u>45,827</u>	<u>-</u>	<u>36,994</u>	<u>-</u>
Travel, accommodation etc					
President	-	14,000	-	-	-
Secretary General	-	6,795	-	-	-
Board	-	28,752	-	-	-
	<u>-</u>	<u>49,547</u>	<u>-</u>	<u>-</u>	<u>-</u>
Audit Fees & Bank Charges	3	3,154	-	-	69
Corporation Tax	-	354	-	-	-
	<u>3</u>	<u>3,508</u>	<u>-</u>	<u>-</u>	<u>69</u>
Information Technology (website)					
Licensing Fee	-	3,505	-	-	-
Future Developments	-	25,786	-	-	-
	<u>-</u>	<u>29,291</u>	<u>-</u>	<u>-</u>	<u>-</u>
Other Initiatives					
International Seminars (e.g. travel)	-	2,335	-	-	-
Travel of ISSMGE Officers to	-	-	-	-	-
FedIGS Meetings	-	518	-	-	-
Webinars	-	2,353	-	-	-
Grants/Support	-	-	-	-	2,084
	<u>-</u>	<u>5,206</u>	<u>-</u>	<u>-</u>	<u>2,084</u>
Grand Total	3	133,379	-	36,994	2,153
SURPLUS/(DEFICIT)	(3)	112,853	420	(35,983)	(2,020)
Transfers from other accounts	-	(36,000)	-	36,000	-
Cash balance at 1 January 2011	106,480	269,756	139,830	4,400	76,318
Cash balance at 31 December 2011	106,477	346,609	140,250	4,417	74,298

Information December 2011 - £1 = SFr 1.45

R N Taylor

Secretary General Prof. R N Taylor Date 30 November 2012

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2011

Member Society	Number of members	City <u>University</u> £	Barclays <u>Bank</u> £
Albania	31	-	309
Argentina	74	-	1,102
Australia	873	-	7,775
Austria	95	-	1,482
Bangladesh	33	-	295
Belgium	231	-	3,604
Bolivia	25	216	-
Brazil	865	-	5,099
Bulgaria	63	-	804
Canada	711	-	6,776
Chile	74	-	1,995
China	481	-	1,888
Chines Taipei	100	-	1,040
Colombia	26	-	303
Costa Rica	30	-	358
Croatia	186	-	2,902
CTGA	100	-	501
Cuba	30	-	278
Czech & Slovak Republics	47	-	734
Denmark	345	-	4,492
Dominican Republic	32 *	-	-
Ecuador	44	450	-
Egypt	108	-	888
El Salvador	30	-	500
Estonia	26	-	468
Finland	187	-	2,824
France	473	-	5,293
Georgia	38 *	-	-
Germany	624	-	6,230
Ghana	21	-	32
Greece	123	-	1,919
Hong Kong	266	-	7,471
Hungary	115	-	3,861
Iceland	10	-	881
India	231	-	1,485
Indonesia	125	-	850
Iran	220	-	3,143
Iraq	32	-	198
Ireland	22	-	847
Israel	32	-	493
Italy	318	-	4,614
Japan	1,329	-	10,763
Kazakhstan	40	-	463
Korea	314	-	4,299
Kyrgyzstan	30	-	316
Latvia	31 *	-	-
Lebanon	43	-	411
Lithuania	40 *	-	-

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED (cont.)
IN THE YEAR ENDED 31 DECEMBER 2011

Member Society	Number of members	City University £	Barclays Bank £
Macedonia, FYR	35	-	898
Mexico	253	-	3,745
Morocco	28	-	412
Mozambique	32	-	132
Nepal	22	-	-
Netherlands	759	-	7,074
New Zealand	443	-	5,091
Nigeria	43	-	260
Norway	340	-	4,272
Pakistan	80	-	480
Paraguay	53	-	375
Peru	25	-	292
Poland	334	-	4,425
Portugal	214	-	6,285
Romania	149	-	2,262
Russia	319	-	4,332
Serbia	43	-	554
Singapore	270	-	4,030
Slovenia	88	-	1,373
South Africa	345	-	3,381
South East Asia	122	-	1,920
Spain	372	-	4,594
Sri Lanka	34	-	258
Sudan	37 *	-	-
Sweden	761	-	7,085
Switzerland	208	-	3,245
Syria	17 *	-	-
Tajikistan	23	-	304
Thailand	35	345	-
Tunisia	40	-	400
Turkey	167	-	4,576
Ukraine	100	-	872
UK	1,180	-	9,699
USA	3,133	-	21,981
Uzbekistan	33	-	429
Venezuela	32	-	448
Vietnam	18	-	182
Total	<u>19,511</u>	<u>1,011</u>	<u>205,652</u>

* Membership number is from the last payment received

Suspended Member Societies

Azerbaijan Republic	13	-	-
Kenya	50	-	-
Zimbabwe	17	-	-
	<u>80</u>	<u>-</u>	<u>-</u>

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

SUBSCRIPTIONS RECEIVED (cont.)
IN THE YEAR ENDED 31 DECEMBER 2011

Corporate Member	US Dollars \$	Bank Account £
Acciona Infraestructuras	-	-
AECOM Asia Company Ltd	1,475	884
AP van den Berg	1,500	901
Bauer Maschinen GmbH	1,500	901
Bentley Systems	1,500	874
Brasford Fundacoes Especiais SA	1,500	895
Coffey Geotechnics	-	-
Deltares	1,500	913
Fugro	1,485	870
Geo-Reconstruction-Engineering Co	1,500	880
Geoteknik SA	-	-
Golder Associates	1,890	1,131
Hueska Ltda	1,500	884
Huesker Synthetic GmbH	1,500	907
International I.G.M.	1,500	888
Jan de Nul NV	1,485	892
Kiso-Jiban	1,500	896
Naue GmbH Co KG	1,500	907
Norwegian Geotechnical Institute	1,500	911
Construtora Norberto Odebrecht	1,000	598
Novatecna Consolidações e Construções S/A	1,500	894
Siemens Energy	1,500	902
Soletanche Bachy SA	1,500	890
S N Apageo S.A.S., France	-	-
Tecnogeo Engenharia e Fundações Ltda	1,500	896
Tencate Geosynthetics France SAS	1,484	886
Tensar International Ltd	1,500	908
Terre Armee Internationale	1,490	882
Tractebel Development Engineering SA	-	-
Zetas Zemin Teknolojisi AS	1,480	876
	37,289	22,266

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
NOTES TO THE FINANCIAL STATEMENTS
YEAR ENDED 31 DECEMBER 2011

ACCOUNTING POLICIES

- (a) **Income**
Income has been taken to the credit of the revenue account on a cash received basis.
- (b) **Expenditure**
Expenditure, inclusive of VAT, has been charged to the revenue account on a cash paid basis.

INDEPENDENT EXAMINERS' REPORT TO THE COUNCIL MEMBERS OF THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

I have examined the receipts and payments account of the International Society for Soil Mechanics and Geotechnical Engineering (the Society) for the year ended 31 December 2012 and the related information.

This report is made solely to the Council members, as a body, in accordance with our engagement letter. Our examination work has been undertaken so that we might state to the Council members those matters we are required to state to them in an examiners' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than Council members as a body, for our work, for this report, or for the opinions we have formed.

Respective responsibilities of Secretary General and Independent Examiner

The Society's Secretary General is responsible for the preparation of the receipts and payments account, which has been prepared under the Society's statutes and By-Laws.

Our responsibility is to examine the receipts and payments account and related information.

We report to you our opinion as to whether the receipts and payments account properly presents the receipts and payments of the Society.

Basis of Independent Examiners Report

We conducted our examination in accordance with the ISSMGE's Statutes and By-Laws. An examination includes a review of the accounting records kept by the Society and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts and seeking of explanations from you as Council Members concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and, consequently no opinion is given as to whether the accounts present a 'true and fair view' and the report is limited to those matters set out in the statement below.

Independent Examiners Statement

In my opinion the accounts:

- properly present the receipts and payments of the Society for the year ended 31 December 2012.



Alison Sargent FCA
Sargent & Co
Chartered Accountants
194B Addington Road
Selsdon, South Croydon
Surrey CR2 8LD

Date: August 2013

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31 DECEMBER 2012

	Barclays Bank Plc SFr	Barclays Bank Plc £	Investment Accounts £	City University £	HSBC Foundation £
RECEIPTS					
Member Society Subscriptions	-	167,437	-	-	-
Corporate Member Subscriptions	-	40,721	-	-	-
Donations and Other Income	-	2,071	-	-	9,107
Interest	-	1,432	809	-	76
Conference Income	-	1,393	-	-	-
	<u>-</u>	<u>213,054</u>	<u>809</u>	<u>-</u>	<u>9,183</u>
EXPENDITURE					
Secretariat					
President part time support	-	18,000	-	-	-
Secretary general support	-	-	-	38,277	-
Office Expenses - President	-	5,000	-	-	-
Office Expenses Secretariat	-	1,362	-	457	-
Secretary General	-	22,000	-	-	-
Conference support	-	5,782	-	-	-
List of Members	-	-	-	-	-
Kevin Nash Gold Medal	-	-	-	-	-
Prizes/Awards	-	-	-	-	-
	<u>-</u>	<u>52,144</u>	<u>-</u>	<u>38,734</u>	<u>-</u>
Travel, accommodation etc					
President	-	14,000	-	-	-
Secretary General	-	8,401	-	-	-
Board	-	38,098	-	-	-
	<u>-</u>	<u>60,499</u>	<u>-</u>	<u>-</u>	<u>-</u>
Audit Fees & Bank Charges	2	2,328	-	-	411
Corporation Tax	-	370	-	-	-
	<u>2</u>	<u>2,698</u>	<u>-</u>	<u>-</u>	<u>411</u>
Information Technology (website)					
Licensing Fee	-	-	-	-	-
Future Developments	-	8,593	-	-	-
	<u>-</u>	<u>8,593</u>	<u>-</u>	<u>-</u>	<u>-</u>
Other Initiatives					
International Seminars (e.g. travel)	-	1,687	-	-	-
Travel of ISSMGE Officers to	-	-	-	-	-
FedIGS Meetings	-	1,251	-	-	-
Webinars	-	5,239	-	-	-
Grants/Support	-	-	-	-	8,496
	<u>-</u>	<u>8,177</u>	<u>-</u>	<u>-</u>	<u>8,496</u>
Grand Total	2	132,111	-	38,734	8,907
SURPLUS/(DEFICIT)	(2)	80,943	809	(38,734)	276
Transfers from other accounts	-	(38,000)	-	38,000	-
Cash balance at 1 January 2012	106,477	346,609	140,250	4,417	74,298
Cash balance at 31 December 2012	106,475	389,552	141,059	3,683	74,574

Information December 2012 - £1 = SFr 1.46

R N Taylor
Secretary General Prof. R N Taylor Date 29 August 2013

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
SUBSCRIPTIONS RECEIVED
IN THE YEAR ENDED 31 DECEMBER 2012

Member Society	Number of members	<u>City University</u> £	<u>Barclays Bank</u> £
Albania	31	-	338
Argentina	-	-	-
Australia	963	-	8,790
Austria	95	-	1,562
Bangladesh	-	-	-
Belarus	45	-	287
Belgium	295	-	4,407
Bolivia	-	-	-
Brazil	865	-	7,293
Bulgaria	-	-	-
Canada	711	-	7,138
Chile	-	-	-
China	520	-	1,888
Chinese Taipei	100	-	1,629
Colombia	26	-	347
Costa Rica	30	-	386
Croatia	123	-	1,989
CTGA	-	-	-
Cuba	-	-	-
Czech & Slovak Republics	49	-	806
Denmark	-	-	-
Dominican Republic	-	-	-
Ecuador	-	-	-
Egypt	-	-	-
El Salvador	-	-	-
Estonia	26	-	493
Finland	187	-	3,168
France	-	-	5,577
Georgia	-	-	-
Germany	631	-	6,613
Ghana	21	-	164
Greece	-	-	-
Hong Kong	169	-	4,210
Hungary	-	-	-
Iceland	11	-	493
India	245	-	1,666
Indonesia	130	-	983
Iran	-	-	-
Iraq	39	-	277
Ireland	-	-	-
Israel	-	-	-
Italy	305	-	4,081
Japan	1,199	-	10,268
Kazakhstan	40	-	503
Korea	378	-	4,952
Kyrgyzstan	-	-	-
Latvia	-	-	-
Lebanon	56	-	872
Lithuania	40	-	1,436

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

SUBSCRIPTIONS RECEIVED (cont.)
IN THE YEAR ENDED 31 DECEMBER 2012

Member Society	Number of members	City University £	Barclays Bank £
Macedonia, FYR	-	-	-
Mexico	253	-	4,096
Morocco	28	-	237
Mozambique	-	-	-
Nepal	22	-	644
Netherlands	-	-	-
New Zealand	484	-	5,648
Nigeria	-	-	456
Norway	346	-	4,869
Pakistan	80	-	512
Paraguay	53	-	438
Peru	-	-	-
Poland	334	-	4,663
Portugal	205	-	3,518
Romania	149	-	2,335
Russia	249	-	4,094
Serbia	43	-	566
Singapore	194	-	3,189
Slovenia	88	-	1,447
South Africa	-	-	-
South East Asia	131	-	1,056
Spain	348	-	4,754
Sri Lanka	-	-	-
Sudan	37	-	592
Sweden	-	-	-
Switzerland	193	-	3,173
Syria	-	-	-
Tajikistan	-	-	-
Thailand	64	-	694
Tunisia	-	-	-
Turkey	219	-	2,730
Ukraine	67	-	640
UK	1,162	-	10,109
USA	3,294	-	23,958
Uzbekistan	-	-	-
Venezuela	-	-	-
Vietnam	-	-	403
Total	<u>15,373</u>	<u>-</u>	<u>167,437</u>

* Membership number is from the last payment received

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

SUBSCRIPTIONS RECEIVED (cont.)
IN THE YEAR ENDED 31 DECEMBER 2012

Corporate Member	US Dollars \$	Bank Account £
Acciona Infraestructuras	-	-
AECOM Asia Company Ltd	1,500	916
Ove Arup & Partners Ltd	1,475	890
Bauer Spezialtiefbau GmbH	1,500	926
LLC Bazis Design Academy	3,000	1,804
Bentley Systems	1,500	919
AP van den Berg Ingenieursburo	-	849
Brasford Fundacoes Especiais SA	1,500	945
Coffey Corporate	5,950	3,650
Dasan Consultants Co Ltd	3,000	1,862
Deltares	1,500	912
Dongah Geological Engineering	1,500	931
Fugro	1,479	898
Geo-Reconstruction-Engineering Co	400	248
Geostroy ZAO	4,500	2,706
Geoteknik SA	400	-
GHS Pty Ltd	1,475	913
Golder Associates	1,490	899
Hueska Ltda	1,500	924
Huesker Synthetic GmbH	1,500	927
International I.G.M.	1,500	915
Jan de Nul NV	1,500	924
JSC Kazakhstan Highway Research Company	1,500	901
Officine Maccaferri	1,500	921
Naue GmbH Co KG	1,500	927
Norwegian Geotechnical Institute	1,500	928
Construtora Norberto Odebrecht	1,500	913
Novatecna Consolidações e Construções S/A	-	-
Saegil Engineering & Consulting Co Ltd	3,000	1,862
Siemens Energy	1,500	922
Soletanche Bachy SA	1,500	907
S N Apageo S.A.S., France	2,974	1,827
Tecnogeo Engenharia e Fundações Ltda	1,500	915
Tencate Geosynthetics France SAS	1,484	905
Tensar International Ltd	1,465	910
Terre Armee Internationale	1,490	905
Tractebel Development Engineering SA	1,500	1,195
Vibropile Australia	1,500	924
Zetas Zemin Teknolojisi AS	1,485	901
	<u>65,067</u>	<u>40,721</u>

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS
AND GEOTECHNICAL ENGINEERING**
NOTES TO THE FINANCIAL STATEMENTS
YEAR ENDED 31 DECEMBER 2012

ACCOUNTING POLICIES

- (a) Income**
Income has been taken to the credit of the revenue account on a cash received basis.
- (b) Expenditure**
Expenditure, inclusive of VAT, has been charged to the revenue account on a cash paid basis.

ISSMGE BUDGET 2011

	Revised 2011 £	Totals	Variance
RECEIPTS			
Member Society Subscriptions	168,000	206,663.52	38,663.52
Corporate Associate Subscriptions	23,000	22,265.71	-734.29
Interest	2,000	1,787.62	-212.38
Conference Income	5,000	16,946.49	11,946.49
Total	198,000	247,663.34	49,663.34
EXPENDITURE			
Secretariat			
President part time support	18,000	18,000.00	0.00
Secretary General support	32,000	36,116.42	-4,116.42
Office expenses - President	5,000	5,000.00	0.00
Office expenses - Secretariat	6,000	1,705.18	4,294.82
Secretary General	22,000	22,000.00	0.00
Conference support	4,000		4,000.00
List of Members	-		0.00
Kevin Nash Gold Medal	-		0.00
Prizes/Awards	1,000		1,000.00
Total	88,000	82,821.60	5,178.40
Travel, accommodation etc			
President	14,000	14,000.00	0.00
Secretary General	10,500	6,795.03	3,704.97
Board	29,000	28,751.66	248.34
Total	53,500	49,546.69	3953.31
Audit Fees & Bank Charges	5,300	3,155.98	2,144.02
Corporation Tax	3,800	353.64	3,446.36
Information Technology (web site)			
Licensing fee/web maintenance	7,200	3,505.52	3,694.48
Future developments	8,704	25,786.66	-17,082.66
Total	15,904	29,292.18	-13,388.18
Other Initiatives			
International Seminars (e.g. travel)	5,000	2,334.87	2,665.13
Travel of ISSMGE Officers to FedIGS Mec	2,000	518.52	1,481.48
Initiatives	5,000	0.00	5,000.00
Webinars	4,500	2,353.53	2,146.47
Contingency	5,000	-	5,000.00
Total	21,500	5,206.92	16,293.08
Grand Total	188,004	170,377.01	17,626.99
SURPLUS/DEFICIT	9,996	77,286.33	32,036.35
Opening balance		487,421.15	
Closing balance		564,707.48	
Swiss Franc Account (in CHF)	CHF 106 477.27		

ISSMGE BUDGET 2012

		Totals	Variance
	Revised 2011		
	£		
RECEIPTS			
Member Society Subscriptions	171,360	167,436.23	-3,923.77
Corporate Associate Subscriptions	28,000	40,721.85	12,721.85
Interest	2,000	4,311.63	2,311.63
Conference Income	5,000	1,393.35	-3,606.65
Total	206,360	213,863.06	7,503.06
EXPENDITURE			
Secretariat			
President part time support	18,000	18,000.00	0.00
Secretary General support	37,000	38,276.80	-1,276.80
Office expenses - President	5,000	5,000.00	0.00
Office expenses - Secretariat	6,000	1,819.26	4,180.74
Secretary General	22,000	22,000.00	0.00
Conference support	4,000	5,781.90	-1,781.90
List of Members	2,500	0.00	2,500.00
Kevin Nash Gold Medal	0	0.00	0.00
Prizes/Awards	1,000	0.00	1,000.00
Total	95,500	90,877.96	4,622.04
Travel, accommodation etc			
President	14,000	14,000.00	0.00
Secretary General	10,500	8,400.76	2,099.24
Board	29,000	38,098.09	-9,098.09
Total	53,500	60,498.85	
Audit Fees & Bank Charges	5,300	2,329.32	2,970.68
Corporation Tax	3,800	370.11	3,429.89
Information Technology (web site)			
Licensing fee/web maintenance	8,704	0.00	8,704.00
Future developments	16,100	8,592.54	7,507.46
Total	24,804	8,592.54	16,211.46
Other Initiatives			
International Seminars (e.g. travel)	5,000	1,687.13	3,312.87
Travel of ISSMGE Officers to FedIGS Meetings	2,000	1,251.29	
Initiatives	5,000		
Webinars	4,500	5,238.84	-738.84
Contingency	5,000	0.00	5,000.00
Total	21,500	8,177.26	
Grand Total	- 204,404	- 170,846.04	33,557.96
SURPLUS/DEFICIT	1,956	43,017.02	
Opening balance			
		564,204.43	
Closing balance			
		607,221.45	
Notes			
CHF Account - closing balance: 106,475.44			

APPENDIX 17: NOTES ON ISSMGE BUDGET FOR 2013-2015, WITH FORECAST TO 2017

Notes sur SIMSG budget pour 2013-2015, avec une prévision à 2017

M.C.R. Davies

ISSMGE Treasurer, First Vice President and VP Australasia

ABSTRACT: This report presents the budget for the ISSMGE for the period 2013 to 2015, together with a forecast budget to 2017.

RÉSUMÉ : Ce rapport présente le budget de la SIMSG pour la période 2013 à 2015, avec un budget prévisionnel pour 2017.

KEYWORDS: Budget.

1 GENERAL

The ISSMGE budget for the period 2013-2015, together with a forecast to 2017 is presented in the attached table. For the first year of the Budget (2013) Table 1 (Receipts) and Table 2 (Expenditure and Balance) contain both the budget agreed at the Toronto Council meeting in 2011 and a revised budget to reflect the projected income and expenditure for the year (as of May 2013). [N.B. The budget is presented in UK pounds (£)]

The overall rationale for the budget is to permit the society to function both effectively and professionally. Therefore, the budget should facilitate the strategies developed by the President and the Board together with the operational activities proposed by the board level and presidential committees. Whilst prior to 2011 (when the current President and Board took office) these activities were expressed in the ISSMGE budget as the “Ordinary Budget” and the “Extraordinary Budget”, because of the financial interaction between activities allocated previously to these two budgets, the budget for the society is now presented as a single “Consolidated Budget”.

2 RECEIPTS

2.1 Member Society subscriptions

Since 2007 the fee structure has been based on a Basic Fee per Capita discounted to allow for low Purchasing Power Parity (PPP) and for large Member Societies. The budget for 2014 is the same as the projected final position for 2013. For

subsequent years fees remain the same but an annual growth in membership of 2% is assumed.

2.2 Corporate Associate Subscriptions

In 2011 the fee for corporate membership of the Society was set at US\$1,500. It is assumed that this fee level will not increase. However, the Policy of the Board is for the number of Corporate Associates to grow in the coming years and hence an increase in revenue is projected during the period of this budget and forecast.

2.3 Interest

This is an estimate based on historical performance.

2.4 Conference Income

Revenues from registration fees from conferences held under the auspices of the ISSMGE. Following a change in Board policy in 2012 the ISSMGE now requires a proportion of the registration fee income from only the International Conference and the Regional Conferences (5% and 3% of registration fee income, respectively). Prior to this all conferences held under the auspices of, or supported, by the ISSMGE were expected to pass on a proportion of the registration fee to the Society. Conference income is, therefore, only expected in the years when the International Conference and the Regional Conferences take place.

Table 1. ISSMGE budget for 2013-2015, with forecast to 2017 – Receipts

	2013 ¹ £	2013 ² £	2014 £	2015 £	2016 £	2017 £
RECEIPTS						
Member Society Subscriptions	174,787	210,000	210,000	214,000	218,000	222,000
Corporate Associate Subscriptions	31,000	37,000	37,000	40,000	45,000	50,000
Interest	2,000	3,500	2,000	2,000	2,000	2,000
Conference Income	5,000	22,000		5,000		20,000
TOTAL INCOME	212,787	272,500	249,000	261,000	265,000	294,000

Notes: 1. Budget agreed at the Toronto Council meeting in 2011.

2. Revised budget to reflect the projected income and expenditure for the year (as of May 2013).

Table 2. ISSMGE budget for 2013-2015, with forecast to 2017 – Expenditure and Balance

	2013 ¹ £	2013 ² £	2014 £	2015 £	2016 £	2017 £
EXPENDITURE						
Secretariat						
President part time support	18,000	18,000	18,600	19,100	19,600	20,200
Secretary General support	39,000	39,000	40,200	41,400	42,600	43,800
Office expenses - President	5,000	5,000	5,100	5,200	5,300	5,400
Office expenses - Secretariat	6,000	6,000	6,200	6,300	6,400	6,500
Secretary General	22,000	22,000	22,700	23,300	24,000	24,800
Conference support	20,000	20,000	5,000	5,000	5,000	20,000
List of Members	2,500	500		500		500
Kevin Nash Gold Medal	2,000	3,100				3,500
Prizes	5,000	2,000				5,000
Sub total	119,500	115,600	97,800	100,800	102,900	129,700
Travel Expenses						
President	14,000	14,000	14,500	14,500	14,500	14,500
Secretary General	10,500	10,500	10,500	10,500	10,500	10,500
Board members	29,000	34,700	34,000	34,000	34,000	34,000
Sub total	53,500	59,200	59,000	59,000	59,000	59,000
Audit Fees & Bank Charges						
	5,300	3,000	3,000	3,000	3,000	3,000
Corporation Tax						
	3,800	600	1,000	1,000	1,000	1,000
Information Technology (web site)						
Licensing fee/web maintenance	9,000	8,700	10,000	10,000	10,000	10,000
Future developments	-	-	5,000	-	-	5,000
Sub total	9,000	8,700	15,000	10,000	10,000	15,000
Other Activities						
International Seminars (e.g. travel)	5,000	5,000	5,000	5,000	5,000	5,000
Travel of ISSMGE officers to FedIGS meetings	2,000	2,000	2,000	2,000	2,000	2,000
Initiatives	5,000	18,500	5,000	5,000	5,000	5,000
Webinars	4,500	4,500	4,600	4,700	4,800	4,900
Contingency	5,000	5,000	5,000	5,000	5,000	10,000
Sub total	21,500	35,000	21,600	21,700	21,800	26,900
TOTAL EXPENDITURE	212,600	222,100	197,400	195,500	197,700	234,600
SURPLUS/(DEFICIT)	187	50,400	51,600	65,500	67,300	59,400
TRANSFER TO ISSMGE FOUNDATION	-	49,270	51,600	65,500	67,300	59,400
CASH BALANCE						
Cash balance at 1 January	498,870	498,870	500,000	500,000	500,000	500,000
Cash balance at 31 December	499,057	500,000	500,000	500,000	500,000	500,000

Notes: 1. Budget agreed at the Toronto Council meeting in 2011.

2. Revised budget to reflect the projected income and expenditure for the year (as of May 2013).

3 EXPENDITURE

3.1 Secretariat

3.1.1 Secretary General

Support for the Secretary General is based on the May 2010 proposal from the British Geotechnical Association to host the secretariat. Employment costs and operating expenses are subject to an annual increase of 3% and 2%, respectively, to reflect expected increases in these costs.

3.1.2 President

Administrative support and associated expenses are allocated for the President. Employment costs and operating expenses are

subject to an annual increase of 3% and 2%, respectively, to reflect expected increases in these costs. N.B. This budget does not include the costs of additional support that might be provided to the President by their host Member Society or from other sources.

3.1.3 Conference support

Includes support of Regional Young Geotechnical engineering conferences. Additional funding to support the 5th and 6th International Young Geotechnical Engineers' Conferences are included in 2013 and 2017, respectively.

3.1.4 List of members

A provision has been made for the list of members in years when Council meetings are held (i.e. 2013, 2015 and 2017).

3.1.5 *Kevin Nash Gold Medal and Prizes*

Provision is made for the award of the Society's Gold Medal and Prizes at the 18th and 19th International Conference for Soil Mechanics and Geotechnical Engineering.

3.2 *Travel Expenses*

Special provision is made in 2013 to support the possible expenses incurred should the incoming Board wish to hold a meeting prior to the end of the year. This increases Board travel from £29,000 (agreed at the Toronto Council meeting in 2011) to £34,700. A modest increase in the normal budget for Board travel is made from 2014.

3.3 *Information Technology (web site)*

3.3.1 *Licensing fee/web maintenance*

In 2012 hosting of the website was transferred to Geoengineer.org from Webforum. Provision for the maintenance fee payable to Geoengineer.org is included in the budget.

3.3.2 *Future developments*

In both 2014 and 2017 provision has been made for significant changes or upgrades to the website (or other IT developments) to reflect initiatives created by the incoming President and Board.

3.4 *Other Activities*

3.4.1 *International Seminars*

To contribute to the travel for ISSMGE Board members and speakers participating in these outreach activities.

3.4.2 *Travel of ISSMGE officers to FedIGS meetings*

Provision is made to support travel expenses for the President and Secretary General to attend meetings of the FedIGS Board.

3.4.3 *Initiatives*

Provision is made for as yet unspecified initiatives that might emanate from the Board.

3.4.4 *Webinars*

Annual fee for WebEx video conferencing service. The current Board has agreed that these costs should be absorbed by the Society rather than passed on to members. Therefore the budget does not contain a credit in respect of fees for members to access this service.

3.4.5 *Contingency*

Provision is made for a contingency.

4 TRANSFER TO ISSMGE FOUNDATION AND CASH BALANCE

In recent years the growth in income to the Society from Member Society subscriptions has been enhanced considerably by beneficial exchange rates. This is because the UK pound, the currency in which the ISSMGE operates, has weakened considerably compared to the Swiss Franc, the currency used to calculate membership subscriptions. If current favourable exchange rates are maintained for the period of the budget the Society will be able to conduct its business for its members effectively and professionally whilst creating a surplus. However, a strengthening in the value of the UK pound in the coming years would reduce the income of the ISSMGE considerably. Therefore, in the current climate of global financial uncertainty, it is considered prudent to maintain activities at the levels of expenditure proposed in the current budget and not commit the Society to major new investments.

It is also considered prudent to maintain the Society's reserves (i.e. Cash Balance) at the current level. This, however, presents the opportunity to grow the ISSMGE Foundation by transferring annual surpluses from the Consolidated Budget to the Foundation whilst maintaining the Cash Balance at £500,000. The amount transferred to the Foundation in any year would be contingent on the financial outcome of the Society.