

# International Society for Soil Mechanics and Geotechnical Engineering

## Minutes of the Council Meeting

Conference Centre, Bibliotheca Alexandrina, Alexandria, Egypt  
Sunday, 4th October 2009

### PRESENT:

Professor Pedro Sêco e Pinto	- ISSMGE President
Professor Mounir Bouassida	- ISSMGE Vice President Africa
Professor Madhira Madhav	- ISSMGE Vice President Asia
Professor John Carter	- ISSMGE Vice President Australasia
Professor Roger Frank	- ISSMGE Vice President Europe
Dr. Dennis Becker	- ISSMGE Vice President North America
Professor Waldemar Hachich	- ISSMGE Vice President South America
 Professor William Van Impe	 - ISSMGE Immediate Past President
Professor R N Taylor	- ISSMGE Secretary General
Ms P Peers	- ISSMGE Secretariat
 Professor Robert Holtz	 - ISSMGE Board Member
Professor Osamu Kusakabe	- ISSMGE Board Member
Dr Michael Lisyuk	- ISSMGE Board Member
 Professor Michele Jamiolkowski	 - Past President ISSMGE
Professor David Toll	- Chair JTC2
Professor Harry Poulos	- Chair JTC4
Professor António Gomes Correia	- Chair TC3
Professor Fusao Oka	- Chair TC34
Professor Gabriel Auvinet	- Chair TC36
Professor Fumio Tatsuoka	- President International Geosynthetics Society
Professor Miguel P. Romo	- Vice President Elect North America
Dr. Jorge Bonifazi	- Vice President Elect South America

MEMBER SOCIETY	VOTING MEMBER	NON-VOTING MEMBER
Albania	Professor Luljeta Bozo	Ing. Geol. Skender Allkhja
Argentina	Eng. Pablo L Torres	Eng. Alejo O. Sfriso
Australia	Dr Mark Jaksa	
Austria	Professor Heinz Brandl	
Azerbaijan	---	
Bangladesh	---	
Belgium	Mr Flor de Cock	
Bolivia	Professor Waldemar Hachich*	
Brazil	Professor Arsenio Negro, Jr	Professor Alberto Sayão
Bulgaria	Dr Andrey Totsev	
Canada	Professor Doug Stead	Professor Tim Newson
Chile	Professor Claudio Foncea	Professor Ramon Verdugo
China	Professor Zuyu Chen	Professor Maosong Huang
Colombia	Dr. Jorge A. Rodriguez	
Costa Rica	Eng. Marlon Jiménez Jiménez	Eng. Ana Lorena Monge Sandí
Croatia	Professor Antun Szavits Nossan	
CTGA	Mr Etienne Marcelin Kana	
Cuba	---	
Czech & Slovak Republics	Professor Ivan Vaniček	Dr Daniel Jirasko
Denmark	Dr. Jørgen S. Steenfelt	

MEMBER SOCIETY	VOTING MEMBER	NON-VOTING MEMBER
Dominican Republic	Eng. Luis Carpio	
Ecuador	Professor Luis Marin Nieto	
El Salvador	Professor Waldemar Hachich*	
Egypt	Dr. M.K. El Ghamrawy	Dr. Y. El Mossallamy
Estonia	Eng. Mait Mets	
Finland	Dr. Tim Lansivaara	
France	Dr. Alain Guilloux	Professor Pierre Delage
Georgia	---	
Germany	Prof. Manfred Nussbaumer	Professor George Heerten
Ghana	Dr S.I. Kofi Ampadu	
Greece	Professor Christos Tsatsanifos	
Hong Kong	Professor Albert Ho	Professor George Tham
Hungary	Professor Gábor Telekes	
Iceland	Dr. Jørgen S. Steenfelt*	
India	Er Mahavir Bidasaria	Dr Nitin Som
Indonesia	Dr Masyhur Irsyam	Dr S.P.R. Wardani
Iran	Professor Behrouz Gatmiri	
Iraq	Dr Omar al-Farouk Salem al-Damluji	
Ireland	Dr Trevor Orr	
Israel	Professor Edward Kavazanjian*	
Italy	Professor Stefano Aversa	Professor Michele Maugeri
Japan	Professor Akira Asaoka	Professor Junichi Koseki
Kazakhstan	Professor Askar Zhusupbekov	Dr Adil Zhakulin
Kenya	---	
Korea R	Professor Kim Hong Taek	Professor Kim Dong Soo
Kyrgyzstan	Professor Askar Zhussupbekov*	
Latvia	Mr. Valters Celmiņš	
Lithuania	Eng. Liudas Furmonavičius	
Mexico	Eng. Walter Paniagua	Professor Guillermo Springall
Morocco	Prof. Ramdane Khalid	
Mozambique	Dr Carlos Quadros	Eng. Saturnino Chembeze
Nepal	---	
Netherlands	Ms Mandy Korff	Professor Frans Barends
New Zealand	Professor Michael C.R. Davies	
Nigeria	Engr. Dr. Samuel U. Ejezie	Sir. Bennet Ezekiel-Hart
Norway	Dr. D.V. Huynh Khoa	
Pakistan	Professor Madhira Madhav*	
Paraguay	Professor Arsenio Negro, Jr*	
Peru	---	
Poland	Professor Zbigniew Lechowicz	Professor Kazimierz Gwizdala
Portugal	Dr. Laura Caldeira	Dr. António Gomes Coelho
Romania	Professor Iacint Manoliu	Dr Nicoleta Radulescu
Russia	Professor V.A. Ilyichev	Dr. Igor Kolybin
Singapore	Professor C.F. Leung	Professor J. Chu
Serbia	Professor Milan Maksimović	
Slovenia	Dr Ana Petkovšek	
South Africa	Dr S.W. Jacobsz	Dr. T.E.B. Vorster
S E Asia	Dr Chung-Tien Chin	Professor Dennes T. Bergado
Spain	Professor Cesar Sagaseta	Professor Enrique Dapena
Sri Lanka	---	
Sudan	Dr Ahmed Mohamed Elsharief	Dr Hussein Elarabi
Sweden	Mr Stefan Aronsson	
Switzerland	Dr. Jan Laue	
Syria	---	
Tajikistan	Professor Askar Zhusupbekov*	
Thailand	Dr Watcharin Gasaluck	
TfYR Macedonia	Dr Josif Josifovski	
Tunisia	Eng. Kamel Zaghouni	
Turkey	Professor Ergun Togrol	
Ukraine	Mr Petro Kryvosheiev	Mr Yuriy Slyusarenko
U K	Dr Sarah Stallebrass	
U S A	Professor Edward Kavazanjian	Professor Jean-Louis Briaud
Uzbekistan	Professor Roger Frank*	
Venezuela	Eng. Francisco Centeno	
Vietnam	---	
Zimbabwe	---	

\* Denotes Proxy vote

## APOLOGIES:

Dr Suzanne Lacasse  
Professor Ahmet Saglamer

Delegate - Norway  
Delegate - Turkey

## OPENING REMARKS BY PRESIDENT

1. The President opened the meeting by welcoming all delegates. He was pleased to acknowledge the presence of Professor Michele Jamiolkowski, a past President of ISSMGE, Professor Ergun Togrol, who has attended all ISSMGE Conferences since 1965 and Professor Heinz Brandl who has been attending since 1969.

## LIST OF DELEGATES AND OTHER PERSONS PRESENT

2. 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.

## QUORUM

3. 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 77 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.

MINUTES OF THE COUNCIL MEETING IN BRISBANE,  
OCTOBER 2007

4. The Minutes of the Council Meeting in Brisbane had been redistributed with the Council Meeting papers. The President asked if there were any comments or corrections to the Minutes.

5. Professor Barends (The Netherlands) referred to the Minutes of the Brisbane Council Meeting, and asked for further clarification on the matter of the International Year of Planet Earth (IYPE). The Secretary General explained that the Sister Societies (ISSMGE, IAEG and ISRM) had agreed jointly to be a founder member, and also to provide financial support of Euro 15000 over three years (i.e. each Sister Society would take it in turns to contribute EUR 5000 a year, for three years). The Secretary General confirmed that over time it became clear that the IYPE was not obviously interested in geo-engineering and appeared uninfluenced by the repeated suggestions and comments from the Sister Societies. It was felt that since the financial contribution had been promised then payments should be made. The Secretary General went on to confirm that ISSMGE had received little feedback from the management of IYPE for some time.

## MEMBERSHIP

6. The Secretary General presented an updated summary of the present membership of ISSMGE (Appendix 1). He confirmed that currently there are 86 member societies, with new Member Societies representing Kyrgyzstan, Singapore, Tajikistan, Thailand, and the Dominican Republic having joined ISSMGE since the previous Council Meeting in Brisbane. He commented that the current Membership Fee formula was based

on a minimum number of 30 individual members per Member Society so as to encourage the smaller member societies to recruit new additional members. Otherwise, individual membership numbers were relatively stable; there had been some fluctuations reported by Member Societies, but these figures were not extraordinary. Regarding Membership lists, he reported that the information received by the Secretariat was not necessarily uniform in format, and that some Member Societies were prevented from providing detailed lists because of national privacy laws. A new updated ISSMGE Membership CD had recently been distributed by mail to Member Societies.

7. The current list of corporate sponsors is included in Appendix 1. The Secretary General pointed out that the corporate sponsors' logos are featured on the ISSMGE website, as well as on the back page of the Bulletin, as an acknowledgment of their involvement with the society.

8. The President then called on Professor Christos Tsatsanifos to present a proposal from the Hellenic Society for Soil Mechanics and Geotechnical Engineering related to the issue of membership lists. Professor Tsatsanifos stated that the Hellenic society would like to see a procedure by which those members who agreed to it could have all or partial personal contact details made available via a Membership list, and that the resulting list should be made freely available to all. A transcript of the letter from the Hellenic Society outlining this proposal is given in Appendix 1a.

9. It was noted that the Hellenic Society's proposal had two components; the first related to the actual creation of a list of contact details, the second related to the distribution of such a list. In discussion, it was agreed that the procedure currently in existence was in fact much as the one proposed by the Hellenic Society, but that the Member Societies could provide as much detail as they wished or, in fact, were able to. Professor Zuyu Chen commented that ISSMGE could impose an additional subscription fee for Member Societies that opted for not disclosing full contact details of its members. The Secretary General considered that this would be difficult to enforce.

10. The issue of whether or not to provide free and full access to individual member contact details was put to the Council, and a show of hands indicated that there was strong opposition to the proposal.

LINKING OF MEMBERSHIP, SOCIETY ACTIVITY AND  
SUBSCRIPTION FEES

11. The President introduced the proposal for a change in Statutes and Bylaws saying that this would be discussed under three separate subsections, to make it easier to consider the implications of the proposal. These subdivisions were:

- i) Admission of new Member Societies;
- ii) Obligations/engagements of new Member Societies;
- iii) Suspension of Member Societies,

12. The President explained that the difficulty lay not so much in the question of "Admitting into membership" a new society but in the subsequent evaluation of their "obligations", in that some Member Societies failed to report any relevant geo-

technical activities. He explained that the purpose of the amendments was to encourage geotechnical activity within individual societies.

13. The President then asked the Secretary General to continue with the item. The Secretary General first explained that to pass the amendments they would need to be approved with a 75% majority vote. He then went on to present the proposed amended Statute 4F, which now included a requirement that the ISSMGE Board needed to consider and approve new Member Societies at a committee meeting.

14. There followed a lively discussion on the process by which new Member Societies would join ISSMGE. Issues regarding the proposed amendments, regarding the application for admission, the role of the Regional Vice Presidents, the Secretary General, the Board and the Council, and to what extent existing Member Societies should be involved (via Council meetings) in the admission of new societies were raised. Dr Samuel Ampadu (Ghana) enquired about the role of the Council in accepting new Member Societies. Professor Alberto Sayão (Brazil) thought that Council should not be involved in accepting new Member Societies and Mr Flor de Cock (Belgium) felt that the ISSMGE Board should consult all the existing Member Societies before accepting a new Member Society. After further discussion it was confirmed that in the proposal under consideration, the role of the Council was to ratify an earlier decision that the Board had made regarding the admission of a new society.

15. The Secretary General then asked Council to vote on adopting the changed Statutes and Bylaws, which were:

*Proposed amended Statute 4F:*

4F If the Secretary General is satisfied that the application is in order, after consultation with the appropriate Regional Vice-President, he 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)

*Proposed associated Bylaws 4F.1 and 4F.2:*

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.

16. There was a unanimous vote in favour of the motion.

17. The President then considered obligations/engagements of new Member Societies and the suspension of Member Societies since the proposed changes to the Statutes and Bylaws were interrelated. He emphasised that the ISSMGE Board was keen to encourage Member Societies to increase the extent of geotechnical activities and to communicate these to their Regional Vice-President. In discussion, some Council delegates considered that their Member Society might be failing to meet its obligations since an up-to-date list of members had not been sent to the Secretariat. The Secretary General stated that the requirement to send annually a current list of members had been a statutory requirement for many years but few Member Societies met this obligation. He hoped that the revised Statute would encourage Member Societies to be more forthcoming with such

information. Professor Claudio Fonca (Chile) thought that the proposal implied too strong a punishment of Member Societies failing to keep in contact. Professor Frans Barends (Netherlands) thought that too much control was being implied by the changes but Dr Sarah Stallebrass (UK) thought that it was not unreasonable to suspend Member Societies that could not demonstrate geotechnical activity over a two year period. Professor Madhira Madhav stressed that the Board was trying to encourage activity within a Member Society rather than to just accept payment of their annual subscription.

18. Council was then asked to vote on the following changes, which were carried unanimously:

*Proposed amended Statute 4H:*

4.H A Member Society shall fulfill 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)

*Proposed new Bylaw 4H.3.*

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.

*Proposed amended Statute 4I:*

4I A Member Society which has failed to abide by Statute 4H and its By-Laws for 4 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)

## TECHNICAL COMMITTEE ACTIVITY

19. The President presented his report which summarised the development and activities of the Technical Committees over the last four years (Appendix 2). He emphasised the role of Technical Committees as the “spine” of ISSMGE, in their efforts to advance knowledge in specific areas of geotechnical engineering, noting that the TCs made contributions to the following specific areas:

- Transport Systems: TC3 “Geotechnics of Pavements”, TC17 “Ground Improvement”, TC18 “Deep Foundations”, TC28 “Underground Construction in Soft Ground Conditions”, TC33 “Geotechnics of Soil Erosion”, TC36 “Foundation Engineering in Difficult Soft Soil Conditions”, TC37 “Interactive Geotechnical Design”, TC 38 “Soil-Structure Interaction”
- Environmental Policy: TC1 “Coastal Engineering and Dike Technology”, TC5 “Environmental Geotechnics”, TC 41 “Mega Cities”
- Natural disasters such as earthquakes: TC4 “Earthquake Geotechnical Engineering and Associated Problems”, TC19 “Preservation of Historic Sites”, TC 39: “Geo-

technical Engineering for Coastal Disaster Mitigation and Rehabilitation”

- Education in Geo-Engineering: TC 23 “Limit State Design in Geotechnical Engineering”, TC32 “Engineering Practice of Risk Assessment and Management”, TC 40 “Forensic Geotechnical Engineering”
- Basic sciences: TC2 “Geotechnics of Physical Modelling”, TC6 “Unsaturated Soils”, TC8 “Frost Geotechnics”, TC16 “Ground Properties from in-situ Testing”, TC 29 “Laboratory Stress Strain Strength Testing of Geomaterials”, TC34 “Prediction Methods in Large Strain Geomechanics”, TC35 “Geotechnics of Particulate Media”

20. The President noted that, in geographical terms, both Africa and Australasia were underrepresented, and he urged the new Vice-Presidents of these regions to encourage participation. He then invited those Technical Committee Chairmen who were present at the meeting to add their comments.

21. Professor David Toll (Chairman of Joint Technical Committee 2: Representation of Geo-Engineering Data) referred to the needs of Technical Committees to disseminate their information as part of their activities. He stated that he would like to see Technical Committee meetings scheduled in more closely with conferences. Pre-conference meetings made it difficult for delegates to attend all the sessions in which they may be interested, due to the greater time commitment. The President acknowledged that it was not easy to have full integration, as there were a large number of sessions to consider. He also stated that the particular issues of Joint Technical Committees would be covered in a later item.

22. Professor Jian Chu (Chairman of Technical Committee 39) wished to discuss the issue of membership, and how individual members were selected. The President described the current system for nominating members (i.e. each Member Society may nominate 1 or 2 individuals to each Technical Committee), but that there also was the potential to put forward additional names, who could become “corresponding members”. Professor Jian Chu felt this should be clarified, in that it now appeared that there were three categories of members: Core Members, Member Society representatives, and Ordinary Members. The President referred back to the Technical Committee Guidelines, which had been presented to the Council Meeting in Osaka, 2005. He suggested that the issue of Technical Committee membership could be considered by the incoming Board.

#### REGIONAL REPORTS BY VICE PRESIDENTS

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

24. Professor Mounir Bouassida (Vice-President for Africa) noted that there were now 11 member societies, as Mozambique had joined in 2008. On the whole, the membership numbers in each of the societies remained approximately constant, but he was pleased to report that the situation had improved over the last four years, with fewer societies in arrears, and a number showing increase activity. Professor Bouassida briefly ran through the list of upcoming events in Africa, concluding that these indicated a promising future for geotechnics in Africa.

25. Professor Madhira Madhav (Vice-President for Asia) then took the stand. He summarised his report, stating that the number of events planned for the future was an indication of how active Asian societies are. He also explained how the Region was interested in establishing contact with existing geo-

technical societies or groups in the Middle East, but this was proving difficult.

26. Professor John Carter (Vice President for Australasia) presented his report, stating that Australasia was the easiest region to deal with, having only two societies, both of which were very active, both regionally and internationally.

27. Professor Roger Frank (Vice President for Europe) reported that the region was very active and had organised a number of major conferences over the past four years. He noted that there were five regional Technical Committees, which had produced significant output over the period.

28. Dr. Dennis Becker (Vice President for North America) noted that although the region only had three Member Societies, they were responsible for organising many national and international events promoting a wide range of geotechnical expertise. He was pleased to note that the next Pan-American Conference would be in Toronto.

29. Professor Waldemar Hachich (Vice President for South America) reported that there continued to be strong activity in the Region with many conferences and symposia, five ISSMGE International Seminars (in Chile, Paraguay, Costa Rica, El Salvador and Ecuador), and the 3rd South American YGEC, in Córdoba, Argentina. He was also pleased that three new Member Societies had joined ISSMGE (Cuba, El Salvador and Dominican Republic).

#### ELECTION OF REGIONAL VICE PRESIDENTS

30. The President introduced in turn the elected ISSMGE Regional Vice-Presidents for 2009 – 2013. They are:

Africa	Dr Samuel Ejezie
Asia	Professor Zuyu Chen
Australasia	Professor Michael Davies
Europe	Professor Ivan Vanicek
North America	Professor Miguel Romo
South America	Professor Jorge Bonifazi

31. The announcement was greeted with acclamation.

32. Subsequent to the Council Meeting, Professor Miguel Romo had to resign his position as Regional Vice-President for North America and in November 2009, Dr Gabriel Auvinet was nominated as his replacement.

#### RATIONALISATION OF VOTING PROCEDURES

33. The President introduced this item, explaining that the proposed amendments were an attempt to deal with the inconsistencies that had become apparent with the regulations concerning voting. The proposed amendments cover both the voting procedures during Council Meetings when electing the new President and selecting venues for the International Conference, Regional Conferences, and Council meetings, and also the elections of the Regional Vice-Presidents, which take place in advance of a Council Meeting.

34. The following changes were proposed. (The amendment to the Statute and Bylaws were voted on separately but were presented together to Council for clarity)

## 35. For the election of the Vice-Presidents:

*Proposed amended Statute 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)

*Proposed amended Bylaw 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.

*Proposed amended Bylaw 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.

## 36. For the election of the President:

*Proposed amended Statute 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)

*New Bylaw 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, 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.

36. The President invited comments from the floor, but there were none, so the vote proceeded on the proposed amended Statutes and Bylaws regarding the election of Regional Vice-Presidents, with the following result:

	Votes
For:	66
Against:	0
Abstentions:	1

37. Thus, the motion was carried and the changes to the Statutes and Bylaws would come into effect at the end of this Council Meeting.

38. The President then proceeded to ask for a vote on the proposed amended Statutes and Bylaws concerning the election of Presidents and venues of the International Conference and Council Meetings. On a show of hands the motion was approved unanimously, and therefore the amendments would also come into effect for the next Council meeting.

## ELECTION OF PRESIDENT FOR THE PERIOD 2009 – 2013

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

Jean-Louis Briaud  
Waldemar Hachich

40. Election papers were distributed, and the results of the secret ballot were:

	Votes
Jean-Louis Briaud	56
Waldemar Hachich	18

41. Thus Professor Jean-Louis Briaud was duly elected President of ISSMGE for the period 2009 – 2013. This was greeted by acclamation.

42. Professor Briaud asked for permission to address the Council. He thanked Professor Hachich and all delegates to the Council meeting. He also announced the creation of a new Foundation which would provide funding for individual members from the less wealthy Member Societies to attend ISSMGE events, and to which he and his wife had already personally pledged USD10000. He also requested that current Technical Committee Chairmen carry on in their posts for a period of approximately six months, until the new Technical Committees were defined.

## SELECTION OF VENUE OF XVIII ICSMGE 2013

43. The President noted that two proposals had been received for hosting the next International Conference, one from the French Member Society, the other from the Chinese Mem-

ber Society. He noted that in an attempt to distribute International Conferences more fairly between regions, the Statutes and Bylaws were amended at the Osaka Council Meeting to state that “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.” He noted that the Chinese Member Society were aware that the chances of being approved were very low, but that they wished to have the experience of submitting a bid. He asked Professor Zuyu Chen if he wanted to address the Council.

44. Professor Zuyu Chen confirmed that he spoke on behalf of the Chinese Member Society. They understood the situation, and would withdraw their bid. This was a disappointment to the Chinese delegation, which had spent a great deal of time and effort in preparation. Nevertheless, they recognised they needed to abide by the rules, and would look to being able to host other conferences in the future. Professor Chen wanted to be the first to congratulate the French society on being the hosts of the next International Conference. The President expressed his sorrow at the disappointment, and asked Professor Chen to extend his deep regrets to the Chinese delegates.

45. The President then called on the French delegates to make their presentation. Dr Alain Guilloux thanked the President, and also expressed his regrets to the Chinese delegates. He went on to present the bid by the French Society to host the International Conference in Paris, 1-5 September 2013. After the presentation, Council was asked if it agreed to the 18ICSMGE being in Paris as proposed, which was accepted unanimously.

#### GEO-ENGINEERING RESOURCES/EDUCATION

46. Professor Hachich presented his report which is included here as Appendix 4. He explained that a prime motivation was to include more information on the ISSMGE website for the use of individual members. He gave a brief demonstration of the current “Knowledge Network” link on the website, showing how it provided access to a variety of reports and other technical resources available on the ISSMGE website. He also explained what steps were still needed for proper integration of the ISSMGE “Lexicon” into the ISSMGE Knowledge Network.

#### COMMUNICATIONS

##### Information, IT, Website

47. The Secretary General gave a brief report on the upgrade by Webforum to the existing website. This upgrade had taken place very recently, and though the Secretariat had little experience of the upgrade it appeared to be an improvement on the previous version as far as the website editing was concerned, but more importantly it had the potential of permitting access to the Intranet to the individual members of ISSMGE.

##### ISSMGE Bulletin

48. Professor Osamu Kusakabe presented his report, included here as Appendix 5. The Bulletin was fulfilling its remit, and it was now a question of ensuring its future. To this end, the President had enlisted the help of six young geotechnical engineers, representing the different ISSMGE regions, to help edit the Bulletin over the next four years. The President expressed his warm appreciation for Professor Kusakabe’s success in developing the Bulletin.

##### ISSMGE Journal

49. The President presented his report highlighting the benefits of the International Journal of Geoenvironmental Case Histories. He noted that the Journal would be an excellent source of technical information provided individual members of ISSMGE cooperated in writing suitable papers since the aim of ISSMGE was always to share information with all its members. He reported that the second issue was due in December 2009. The President asked Council if there were any comments, but there were none.

#### INDUSTRIAL LIAISON AND PROFESSIONAL PRACTICE

50. The President called on Professor Harry Poulos to address the Council. Professor Poulos gave a brief introduction to JTC4 – Professional Practice, and drew attention to their recently submitted report: Risk, Recognition and Reward in Geotechnical Professional Practice, available from the FedIGS website and with a link from the ISSMGE website. He commented that none of the conclusions were surprising but were nevertheless justified and relevant to practice. The Report also includes an Appendix provided by JTC4-TG3, put together by T.J.P. Chapman, M.Th. van Staveren, T.R. Stacey, and J. E. Hellings. The authors had not been selected by the three sister societies to do this, but they had expressed significant interest in the subject. The main concern of the report was to consider how to best to explain to society at large the impact that geotechnical professionals had on their day-to-day lives.

51. Professor Briaud welcomed the report by Professor Poulos and his team and expressed his hope that other Technical Committees would be able to produce similar material in the future. He also expressed the view that Technical Committees could produce brochures that gave useful information to homeowners. Such brochures were not only useful technical output but they also made the public aware of the importance and relevance of geotechnical engineering.

#### INTERNATIONAL CONFERENCES

52. Professor John Carter presented his report, included here in Appendix 6. It was generally agreed that the current format seemed to work well, and that was thanks to the efforts to the previous Board who had come up with the new format. However, there were some questions about the published output. The proposal had clear recommendations – all invited papers should be in a hard copy. The President then asked for a vote to the recommendation, with the results as follows:

	Votes
For:	33
Against:	0
Abstentions:	12

53. The recommendation was thus accepted.

#### VENUE FOR THE 2011 BOARD AND COUNCIL MEETINGS

53. The Secretary General explained that a letter had been sent to organisers of the eligible 2011 Regional Conferences to gauge their interest in hosting the 2011 Board and Council Meetings. In response, an invitation had been received from the organisers of the Pan-American Conference to be held in Toronto. The Secretary General gave a brief description of the background to the mid-term Council Meeting, and the President asked Council to confirm on a show of hands that the invitation should be accepted. This was agreed unanimously, and the decision was greeted with acclamation.

54. The organisers of the Pan-American Conference were asked to make their presentation, and Professor Tim Newson (Canada) took the podium to repeat the invitation. He explained that the conference would in fact comprise three events: the XIV Pan-American Conference on Soil Mechanics and Geotechnical Engineering, the V Pan-American Conference on Learning and Teaching of Geotechnical Engineering, and the 64th Canadian Geotechnical Conference. The presentation was warmly received.

#### RELATIONSHIPS WITH SISTER SOCIETIES

55. The President presented his report included here as Appendix 7. He explained that he wanted to keep Council informed on the various activities and meetings with FedIGS and the other Sister Societies.

56. Professor William Van Impe then presented his report on FedIGS. He stated that he was interested in expanding the industry sectors involved with FedIGS and, with the support of the Joint Technical Committees, hoped to develop more common technical activities between the Sister Societies. A major conference was being planned for 2012, which would hopefully draw together important contributions from the Sister Societies. A key aspect of the FedIGS was its Liaison Committee and this was developing well, with five major companies now involved.

57. Professor Tsatsanifos (Greece, and Chairman of TC19: Preservation of Monuments and Historic Sites) commented that the earlier momentum of his TC had been hurt by the creation, and later abandonment, of the related JTC. He felt that working Technical Committees should not be stopped simply because of the creation of a competing JTC in FedIGS. The President replied that this decision would now be down to the future President. Professor Van Impe was not in favour of Professor Tsatsanifos' proposal, but of course agreed that this would be a decision of the future ISSMGE President. He commented that unfortunately for the JTCs, though these were considered favourably by the Sister Societies, the priorities of FedIGS till now had been concerned with the formation of the new association.

58. The President then invited Dr Mohamed Abdelsalam the ITA senior representative in Egypt who was present at the meeting just for this item, to address Council. Dr Mohamed Abdelsalam had been asked to by Mr Martin Knight, President of ITA to deliver a short message, which is included here in Appendix 7a. The message included some suggestions for future cooperation that would be passed on to the incoming President for discussion by the new Board.

#### PRESENTATION OF AUDITED ACCOUNTS 2007, 2008

59. The Secretary General presented the audited accounts for 2007 and 2008, along with a comparison to the ISSMGE budget agreed in Brisbane in 2007. These are given in Appendix 8. In general terms, receipts and expenditure were largely consistent with the Budget, though notes explaining some significant differences have been included. Council was then asked to approve the accounts for the two years separately. For 2007 accounts, Professor Mark Jaksa (Australia) proposed the accounts be accepted, and was seconded by Dr. Moustafa El Ghamrawy (Egypt), while for the 2008 accounts, acceptance was proposed by Professor Tsatsanifos (Greece), and seconded by Professor Michael Davies (New Zealand). On a show of hands, both sets of accounts were accepted by unanimity. Board were less than the budgeted amount. Council was then asked to approve the accounts. Professor Heerten (Germany) proposed the accounts be accepted, and this was seconded by Prof. Davies

(UK). On a show of hands the accounts were accepted by unanimity.

#### BUDGET 2009 – 2011, FORECAST TO 2013

60. Dr Michael Lisyuk presented his reported, included here in Appendix 9. He commented that the Osaka budget was well balanced, and his only recommendation to the next Board was to try and increase the number of corporate sponsors. The President then asked if Council had any comments.

61. Dr Jan Laue (Switzerland) commented that the budgeted costs of travel for the Board had decreased, but had increased for FedIGS. Dr Lisyuk replied that this was because FedIGS was still in development, and therefore would require more of an investment at that stage. Professor Tsatsanifos (Greece) thought that USD1600 corporate sponsorship for 5 years was too low, and should be increased. The President replied by commenting that a number of companies had been hit by the financial crisis, but that the fees would be reviewed soon. He felt that it was more important to increase the number of Corporate Members, rather than the fees, and although the Regional Vice-Presidents had been asked to help recruit more corporate sponsors, this was not proving to be easy.

62. Ms Mandy Korff (The Netherlands) commented that the cash balance was on the safe side, and that the funds should be put to supporting ISSMGE activities. The President replied that the ISSMGE did support the regional and international Young Geotechnical Engineers' Conferences, though he was pleased to say that the 21 International Seminars that had been organised during his tenure had been at negligible cost to ISSMGE. He felt that greater support could be given to young geotechnical engineers' to take part in Technical Committee activities. Ms Korff asked if he would be open to suggestions, and he replied that of course, he would be. Dr Lisyuk pointed out that the difficulty with financing Technical Committee activity was deciding which Technical Committee was an effective committee, and worthy of investment. He had suggested this at the Board Meeting in Tunisia, but the suggestion had not been adopted. Dr Stallebrass (United Kingdom) commented that even with the present initiatives, there would be no substantive decrease in the cash balance. The President agreed, and expressed the view that this was an issue for the next Board to consider. Professor Pierre Delage (France) suggested that the incoming President could use some of the reserves for the proposed Foundation.

63. Council was then asked to approve the Budget. Dr Samuel Ejerie (Nigeria) proposed that the budget be accepted, and this was seconded by Dr. El Ghamrawy (Egypt). On a show of hands the budget was accepted by unanimity.

#### YOUNG MEMBER AWARD

64. Professor Carter explained the process devised for the Award panel to come to an agreement regarding the three best papers, stating that consideration was given to those nominees who were coming from maybe less well-equipped institutions, and trying to bear these disparities in mind. It had not been an easy decision, but the panel had finally come to an agreement, and named the following as winners of the Young Members' Award 2009: Anders Kullingsjo (Sweden), Susumu Nakajima (Japan) and Leon van Paassen (The Netherlands).

65. The President expressed his appreciation for the work of the Award Committee.



## ISSMGE 75 YEARS CELEBRATION

66. The President presented his report on the proposal for the 75 Anniversary Celebrations (included here as Appendix 10). Briefly, he explained that it would be a special session at each of the Regional conferences, with selected individuals making presentations on the Past, the Present and the Future of the Society.

## XVII ICSMGE, ALEXANDRIA 2009

67. Dr Mamdouh Hamza made a brief presentation on the status of the Conference. He explained that the conference was following the format as devised by Professor Poulos (two days of key note lectures, two days of special session, and one day of technical visits). He expressed his warm appreciation of the efforts the Council Advisory Committee, and in particular of Dr Marwan Shahien. He confirmed that the conference had been organised by Egyptian geotechnical engineers and many people from Hamza Associates, as the prices quoted by the professional conference organisers were unrealistically high. He asked for the delegates' understanding and patience with his staff, who were doing their best and trying very hard to please. He also acknowledged the role of the various government departments who had been extremely helpful, in particular with the regard to the problems that some countries had had with obtaining visas. He felt that the government had been more supportive, and more responsive, than the private sector.

## 6ICEG

68. Er Mahavir Bidasaria gave a brief oral report on the progress in the organisation of the 6ICEG, which was progressing well.

## MEETINGS WITH MEMBER SOCIETIES AND OTHER MEETINGS

69. The President presented his report, included here in Appendix 11. In summary, he was pleased to report that he made over 100 visits in 80 countries, and felt very strongly that this was a means of increasing awareness of the ISSMGE among many more individuals, who may or may not yet be members of ISSMGE..

## ANY OTHER BUSINESS

70. The President noted that he had agreed to discuss an issue raised by the Swedish Geotechnical Society, regarding the International Seminar that had taken place in Myanmar and other South-East Asian countries (organised with the help of the South East Asian Geotechnical Society - SEAGS) earlier in 2009. The SGS had written a letter to the President referring to an EU mandate which did not allow representatives from the EU to do business with Myanmar. The President asked if the representative from the SGS wished to comment. Mr Stefan Aronsson (Sweden) said that the Swedish government was very concerned about the situation in Myanmar, and moreover it was a common concern amongst the EU countries. As Sweden held the presidency of EU and as such was very visible to the media, they therefore needed to be very careful in taking a stand on what in effect was an ethical issue. In discussion, the President pointed out that in the official European Journal of the 27th April 2006, Article 3, some exceptions to the restriction were envisaged, where this involved "conflict resolution, and building capacity". He too was very attentive to this type of situation and felt that the International Seminar fell into the latter category. He felt that the mission of the President of ISSMGE was

to show a message of solidarity towards the region after the typhoon of April 2008 that had killed more than 140,000 people. He had visited the area with representatives from SEAGS and the ISSMGE Regional Vice-President for Asia. The President asked Professor Chin, President of SEAGS, to comment. Professor Chin described SEAGS as an "incubator" for the ISSMGE in the region; it had been founded about 40 years ago when there were few Asian societies, and when geotechnical engineers from different countries could not afford to set up individual national member societies. As such, SEAGS was a society of individuals, not of societies, and its aim had always been to support and encourage individuals to expand and grow within their own countries. He went on to praise the initiative of the Board and the President in organising the International Seminar in Myanmar. Apart from the statements made by the Swedish Geotechnical Society, there were no further comments from Council about the seminars that had taken place in Myanmar from which it can be concluded that there was general approval of that initiative.

71. Mr Aronsson replied that that was not the issue. The programme should be implemented via a specific route and the instance cited by the President had not been blessed by the UN. However, the matter passed now, and he simply wanted to inform Council of the ethical issues that had been raised.

## DATE AND VENUE OF NEXT MEETING

72. The next Council Meeting would be held on Sunday 2nd October 2011, at the Sheraton Hotel in Toronto.

73. The Secretary General expressed his thanks to the conference organisers and in particular to Yvonne Hanna, Kathy Broadhurst and Mamdouh Hamza for making arrangements for the Council Meeting. He also expressed his thanks to Paloma Peers, the Administrative Officer for ISSMGE, whose help and support was a vital factor in preparing for the meeting. 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 Egyptian Geotechnical Society for its hospitality and help in organising the meeting and providing the excellent facilities for the meeting.

## APPENDIX 1: MEMBERSHIP

## REPORT BY SECRETARY GENERAL

## Member Societies

The accompanying Table indicates that the present ISSMGE membership is 18,323 in 86 Member Societies (information correct as of 30 September 2009).

The following societies have shown a significant change in membership when compared to the report produced for the Brisbane Council Meeting: Bolivia now has 25 members (up from 13), the Netherlands now has 729 (up from 639), and Hong Kong 256 (down from 508)

There are 5 countries that are more than one year in arrears with their subscription fees, and in accordance with the Statutes and Bylaws, the membership of these societies should be deemed to be suspended. The relevant Statutes and Bylaws governing this are:

Statute 4H: A Member Society shall fulfil its obligations to the International Society which include: 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)

Statute 4I: A Member Society which has failed to pay its annual subscription and other dues within the prescribed period shall automatically cease to receive the benefits of membership of the International Society and its membership shall be deemed to be suspended. (4I.1)

Bylaw 4H.1: Subscriptions are due annually in advance on 1st January each year and must be paid within nine months of that date.

Bylaw 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.

Bylaw 4I.1: A Member Society may be reinstated on conditions agreed by the Regional Vice-President and the Secretary General.

The Member Societies in this situation are: Azerbaijan Republic, Kenya, Peru, Vietnam and Zimbabwe. Both Peru and Vietnam have been in recent contact with the officers of the

Board, and have indicated their commitment to renewing ties with the Society.

At the Alexandria Council meeting, the following four Member Societies will be reported as having joined ISSMGE since the Brisbane Council Meeting: Kyrgyzstan (September 2008), Singapore (April 2008), Tajikistan (October 2008), Thailand (February 2008), Dominican Republic (June 2009).

The proposal for amendments to the Statutes and Bylaws for defining an active Member Society will be discussed in Item 6 of the Agenda.

## Membership Lists

Member Societies were advised in September 2008, of the intention to prepare a Membership Lists' CD for the International Conference in Alexandria. In January 2009, at time of issuing the subscription invoices, Member Societies were reminded of their statutory obligation to send to the Secretariat a list of their members in a prescribed format. The list of members will be presented at the Council Meeting.

## Corporate Members:

The current list of Corporate Members is:

Acciona Infraestructuras, Spain  
 Bauer Spezialtiefbau GMBH, Germany  
 Deltares, Netherlands (previously GeoDelft)  
 Fugro N.V., Netherlands  
 Georeconstruction-Fundamentproject, Russia  
 Geo-Research Institute, Japan  
 Geoteknik SA, Turkey (joined in February 2008)  
 gINT Software, USA  
 Golder Associates, Canada  
 Huesker Synthetic GmbH, Germany (joined in February 2008)  
 Jan de Nul, N.V., Belgium  
 Kiso-Jiban Consulting Engineers, Japan  
 Naue GmbH Co KG, Germany  
 Norwegian Geotechnical Institute, Norway  
 Sinotech Engineering Consultants, China  
 Soletanche Enterprise, France  
 S. N. Apageo S.A.S., France  
 Tensar International, UK  
 Terre Armee Internationale, France  
 Tractebel Development Engineering S.A., Belgium  
 Zetas Zemin Teknolojisi AS, Turkey (joined May 2008)

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Albania	31				31		
Argentina	65						65
Australia	800			800			
Austria	95				95		
Azerbaijan Republic	13		13				
Bangladesh	33		33				
Belgium	200				200		
Bolivia	25						25
Brazil	703						703
Bulgaria	63				63		
Canada	723					723	
Chile	74						74
China	200		200				
Colombia	22						22
Costa Rica	30						30

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Croatia	154				154		
CTGA	28	28					
Cuba	30						30
Czech & Slovak Republics	43				43		
Denmark	345				345		
Dominican Republic	32						32
Ecuador	46						46
Egypt	108	108					
El Salvador	30						30
Estonia	26				26		
Finland	181				181		
France	473				473		
Georgia	38				38		
Germany	654				654		
Ghana	21	21					
Greece	156				156		
Hong Kong	256		256				
Hungary	115				115		
Iceland	10				10		
India	239		239				
Indonesia	90		90				
Iran	191		191				
Iraq	11		11				
Ireland	22				22		
Israel	35		35				
Italy	267				267		
Japan	1326		1326				
Kazakhstan	40		40				
Kenya	21	21					
Korea	315		315				
Kyrgyzstan	30		30				
Latvia	31				31		
Lithuania	40				40		
Mexico	255					255	
Macedonia - see <i>The former Yugoslav Republic of Macedonia</i> below							
Morocco	28	28					
Mozambique	32	32					
Nepal	22		22				
Netherlands	747				747		
New Zealand	363			363			
Nigeria	43	43					
Norway	360				360		
Pakistan	80		80				
Paraguay	53						53
Peru	25						25
Poland	312				312		
Portugal	214				214		
Romania	140				140		
Russia	319				319		
Serbia	30				30		
Singapore	191		191				
Slovenia	88				88		
South Africa	315	315					
South East Asia	200		200				
Spain	388				388		
Sri Lanka	34		34				
Sudan	37	37					
Sweden	761				761		
Switzerland	208				208		
Syria	17		17				
Tajikistan	23		23				
Thailand	35		35				
The former Yugoslav Republic of Macedonia	46				46		

Member Society	Number of members	Africa	Asia	Australasia	Europe	North America	South America
Tunisia	40	40					
Turkey	167				167		
Ukraine	100				100		
UK	1190				1190		
USA	2881					2881	
Uzbekistan	38		38				
Venezuela	25						25
Vietnam	18		18				
Zimbabwe	17	17					
<b>TOTAL</b>	<b>18323</b>	<b>690</b>	<b>3437</b>	<b>1163</b>	<b>8014</b>	<b>3859</b>	<b>1160</b>

## APPENDIX 1A: MEMBERSHIP

Letter from the Hellenic Society for Soil Mechanics and Geotechnical Engineering, addressed to Professor Neil Taylor, ISSMGE Secretary General

Dear Secretary General,

The Hellenic Society for Soil Mechanics and Geotechnical Engineering would like to discuss during the Council Meeting in Alexandria, Egypt, the following:

Access to an updated List of Members would be of great help as it will facilitate contacts between members around the world. Past issues of the List of Members are still being referred to in spite of the fact that in many cases contact details have changed and e-mail addresses are missing.

The Hellenic Society suggests that a procedure should be adopted in order to compile a new List of those members who agree to have all or part of their contact details published.

The Member Societies will ask their members to decide whether or not they wish to be included in the List and specify which of their contact details will be shown (e.g. e-mail, telephone and fax numbers).

The Hellenic Society believes that access to the new list of Members should be free to everybody without the use of passwords.

For the Hellenic Society for Soil Mechanics and Geotechnical Engineering  
Dr. Christos Tsatsanifos  
President

## APPENDIX 2: TECHNICAL COMMITTEE ACTIVITY

### REPORT BY PRESIDENT

#### TC1: COASTAL ENGINEERING AND DIKE TECHNOLOGY

Chairman: Dr. M.A. Van (The Netherlands)  
Secretary: Dr. C. Zwanenburg (The Netherlands)

#### Terms of Reference:

- To increase fundamental understanding and modelling of strength, deformation and erosion behaviour of soils and fail-

ure processes of dikes, dunes, (underwater) dams, reclaimed land, man-made islands and ports in river and coastal zone.

- Contributions to the international congresses with case histories, failures, measurements, simulations and artificial knowledge
- Encouraging of new techniques for constructing and maintenance and reliable protection works.
- Producing technical reports.

#### Planning:

- September, 2007 24th-28th: Launch TC1 in Madrid for the occasion of the XIV ECSMGE
- Encouraging task forces and technical meetings;
- 2009 - 4th committee meeting on the occasion of the XVII ICSMGE in Alexandria

#### Evaluation:

- Presentation of a volume on 'coastal engineering and dike technology'.
- The activity of TC1 based in the meetings and conferences organized and produced documents can be classified as Good

### TC2: PHYSICAL MODELLING IN GEOTECHNICS

Chairman: Professor Sarah Springman (Switzerland)  
Secretary: Dr. D White (UK)

#### Terms of Reference:

- To promote exchange of geotechnical physical modelling (including centrifuge testing).
- To support the profession- academics and industry- to obtain reliable information on geotechnical physical modelling.
- To encourage effective dissemination of applications of physical and to promote the International Journal of Physical Modelling in Geotechnics,
- To develop with other ISSMGE TCs, including TC1, TC4, TC6, TC28 and TC35 understanding of the role of physical modelling
- To co-operate with other national and international groups interested in geotechnical physical modeling.

#### Planning:

- Organisation of 6th IC on Geotechnical Physical Modelling in Hong Kong, 4-6 August 2006
- ISOPE07 in Lisbon, 1-6 July 2007, [www.iso-pe.org](http://www.iso-pe.org)
- XIV ECSMFE "Spirit of Krebs Ovesen session - Madrid, 2007
- IIT Bombay, India: 2007.
- 3 ARC 2007: "Physical modelling for infra-structure development", Kolkata, India,
- Eurofuge 2008, at City University in London, May 2008

## Evaluation:

- Papers for XVII ICSMGE, 2009 in Alexandria
- Organisation of 7th Intern. Conf. on Geotechnical Physical Modelling in Zurich in 2010
- TC2 activity related meetings and conferences and produced documents can be classified as Excellent

## TC3: GEOTECHNICS OF PAVEMENTS

Chairman: Professor Antonio G. Correia (Portugal)

Secretary: Dr Dietmar Adam (Austria)

Website: <http://www.geoforum.com/tc3>

## Terms of Reference:

- Design parameters for foundation layers of pavements (roads, railways and airports). Compile worldwide information about reliable existing data of modulus and damping.
- Application of “Artificial Neural Networks” to automate the prediction of design parameters” (Earth structures in pavement and railway construction.
- Synthesize the knowledge about current state of the art techniques (GPR, SASW, IR, etc.).

## Planning:

- To promote TC3-sponsored sessions on Geotechnics of pavements in transportation infrastructures at ISSMGE international and regional, geoenvironmental and unsaturated soils conferences on pavements in transportation infrastructures.

## Evaluation:

- Compilation of specifications.
- Work at CEN level to standardize continuous compaction control.
- TC3 activity can be classified as Very Good. • TC3 activity can be classified as Very Good.

## TC4: EARTHQUAKE GEOTECHNICAL ENGINEERING AND ASSOCIATED PROBLEMS

Co-Chairmen: Takaji Kokusho/Atilla Ansal (Japan/Turkey)

Secretary General/Assistant: N. Yoshida/Hemanta Hazarika (Japan)

Website:

<http://www.civil.tohoku-gakuin.ac.jp/yoshida/tc4.html>

## Terms of Reference:

- To promote the development of the state of the art and practice in earthquake geotechnical engineering and associated geo-hazards.
- To exchange knowledge and information on geotechnical natural/man-made hazards associated with recent earthquakes
- To develop or improve design methodologies of buildings and civil engineering structures by performance-based and probability-based approaches.

## Planning:

- To organize International Conferences on earthquake geotechnical engineering and associated problems in Greece in 2007 and encourage other international forums on the same topics.
- (4ICEGE). <http://www.4icege.org>.
- Internat.Geotech. Symp. Sakhalinsk.
- Int. Work. on Earth. Hazard and Mitig. (2007), India.

## Evaluation:

- 2nd ICGEDMR Nanjing, China.
- CHEGE 2008.
- PBD Confe. IS Tokyo, 2009.

- TC 4 activity related meetings and conferences and produced documents can be classified as Excellent.

## TC5: ENVIRONMENTAL GEOTECHNICS

Chairman: Mario Manassero (Italy)

Secretary: Evelina Fratalocchi (Italy)

## Terms of Reference:

- To promote the knowledge in the area of Environmental Geotechnics.
- To promote research activities, professional applications and standardization
- To cooperate and contribute to the organization of congresses, conferences and symposia
- To establish co-operation and exchange of knowledge with national, international and public
- To promote preparation and updating of laws and regulations by government agencies and public institutions.
- To contribute to new technologies for alternative energy sources, pollutant control and disposals.
- To promote sustainable Environmental Geo-technology applications and to share knowledge between countries.

## Planning:

- Core-Members Meeting, in Osaka, 2005, Cardiff, 2006, Yokohama, 2006-
- Plenary Meeting, Cardiff, 2006
- V Int. Con. Envir. Geotech, 2006.
- VIII Int. Conf. Geosy.Japan, 2006.
- 2nd Works. Hydro-Physico-Mech. of Wastes, Southampton 2007.
- 1st Pan-American Geosynthetics Conf. (Mexico), March 2008.
- 14th African Reg.l Conf., Nov. 2007, Cameroon.
- 2nd Chem. Physical Hydro-Mech. Pheno. Envir. Geot., Ghent (2008)

## Evaluation:

- Workshop “Envir. Geot. TC5 Report”, Osaka, 2005.
- TC5 report devoted to Env. Geot. at the 5th ICEG (Cardiff, 2006), as CD.
- 6ICEG, 2010. New Delhi, Nov
- TC 5 activity related meetings and conferences and documents can be classified as Excellent

## TC6: UNSATURATED SOILS

Chairman: Prof. Eduardo Alonso (Spain)

Secretary: Dr. Gerald A. Miller (USA)

Website can be accessed at

[www.dur.ac.uk/~des0www4/unsaturated/](http://www.dur.ac.uk/~des0www4/unsaturated/)

## Terms of Reference:

- Cooperation and exchange of knowledge in mechanics of unsaturated soils, expansive, collapsible, residual, arid, and compacted soils, and its relevance to the solution of engineering problems.
- To promote the exchange of information about testing of unsaturated soils.
- To promote benchmark exercises to establish the capabilities and prediction methodologies in unsaturated soil mechanics.
- To cooperate actively with other technical committees, namely, TC5 and JTC1 on Landslides.

## Planning:

- UNSAT 2006 in Carefree, AZ (over 400 attendees, two-volume proceedings.

- 3rd Asian Conf. Unsaturated Soils, Nanjing, China, 2007
- USS 2007, 2nd Int. Conf. on Mech. of Unsaturated Soils, Weimar,
- Host Workshop at the 14th ECSMGE
- 1st European Conference on Unsaturated Soils, UK, 2008.

## Evaluation:

- 5th Intern. Conf. on Unsaturated Soils, Barcelona, Spain, 2010.
- TC 6 activity related meetings and conferences and produced documents can be classified as Excellent..

## TC8: ON FROST

Chairman: Dr Seppo Saarelainen (Finland)

Secretary: Henry Gustavsson, (Finland)

Website: <http://www.tkk.fi/Yksikot/Osastot/R/Pohja/TC8/>

## Terms of Reference:

- Permanent deformations in thawing subgrades under traffic loading.
- Determination of frost susceptibility.
- Performance of insulation materials, by-products and waste materials in relation to frost action.
- Influence of climate change on frost action.
- To co-operate with the working group on “Permafrost Engineering” of the International Permafrost Association (IPA).

## Planning:

- Cooperation with the Intern. Symp. on Ground Freezing
- Bangor Conf. (XII ICCRE), 2006
- Meeting in Orono, USA 2007 for Conf. Cold Regions Engin.
- Involvement in technical sessions of ISCORD 2007, Tampere
- IX Int. Conf. Permafrost, June 29- July 3, 2008 in, Alaska.
- Workshop on frost Geotech. in XVII ICSMGE, Alexandria, 2009.

## Evaluation:

- The activity of TC8 based in the meetings and conferences organized and produced documents can be classified as Good.

## TC16: GROUND PROPERTY CHARACTERIZATION BY IN-SITU TESTS

Chairman: Prof. Paul Mayne (USA)

Secretary: John Powell (UK):

Website: <http://www.geoforum.com/tc16>

## Terms of Reference:

- To promote in-situ tests to enhance the determination of soil and rock properties, use of borehole techniques, penetration tests, and geophysical methods, and their variance.
- Maintain a website and email network,
- Upgrade the social importance to the public, private, commercial, industrial, and military communities.
- Interaction with TC 1 and TC 29.

## Planning:

- Host the 3rd International Conference on Site Characterization (ISC-3) to exchange theoretical, practical, and applied research in the area of in-situ testing, Taiwan, 2008
- Host the 4th international conference on site characterization (ISC-4, Brazil 2012).

## Evaluation:

- Set of internat. guidelines and standards for in-situ testing methods.
- TC 16 activity related meetings and conferences and produced documents can be classified as Excellent.

## TC 17: GROUND IMPROVEMENT

Chairmen: Serge Varaksin / Prof. Jan Maertens (France/Belgium))

Secretary: ir Noel Huybrechts (Belgium)

website of TC 17 (= ISSMGE Website);

## Terms of Reference:

- Creation of the following Working Groups WG A – Concept & Design, WG B – Ground Improvement without admixture in non cohesive soils, WG C – Ground Improvement without admixture in cohesive soils, WG D – Ground Improvement with admixtures, WG E – Ground Improvement with grouting type admixtures, WG F – Earth reinforcement in fill, WG G - Earth reinforcement in cut
- Working Groups to prepare brief descriptions of the appropriate techniques and a list of publications before end 2006 in order to put this information on the website

## Planning:

- A meeting per year and the chairmen of the working groups will be invited.
- Meetings will be at European Conference on Numerical methods in Geotechnical Engineering in Graz. The TC17 meeting in Graz is provided on 9 Sept. 2006.
- 16th SEAGC (8-11 May 2007, Kuala Lumpur)
- 4th ECSMGE (24-27 September 2007, Madrid).

## Evaluation:

- The state-of-the art reports prepared by the different working groups will be used as the basis of a number of regional conferences in 2010 and 2011 and ICSMGE 2009.
- TC 17 activity can be classified as Very Good.

## TC18: DEEP FOUNDATIONS

Chairmen: Prof. Alain Holeyman / Prof. Dr. Ing. Rolf Katzenbach (Belgium / Germany)

Secretary: Ir. Maurice Bottiau (Belgium)

## Terms of Reference:

- To promote co-operation and exchange of information on the design principles of pile groups and Combined Pile Raft Foundations (CPRFs) and on understanding of installation methods of piles;
- To finalise and disseminate survey reports on the design and case histories of CPRFs, giving a overview of present-day design methods;
- To compile and disseminate case studies of static and dynamic tests on instrumented piles to get insights about the pile installation process and its resulting influence on the load-bearing behaviour of piles and to use the tests for a benchmark for design methodologies.

## Planning:

- 8th International Conference on the Application of Stress-Wave Theory to Piles, Lisbon, September 2008.
- International workshop on “Design and Performance of Deep Foundations”, Airport of Frankfurt am Main, May 2009.

## Evaluation:

- TC 18 activity can be classified as Very Good.

## TC19: MONUMENTS AND HISTORIC PLACES

Chairman: Dr. Christos Tsatsanifos (Greece)

Terms of Reference:

- The main reason for the reactivation of the TC19 is to bring to completion the task of drafting Guidelines for Geotechnical Investigations, Analysis and Interventions for Monuments and Historic Sites

Planning:

- Part1 Ground monument system; Peculiarities of monuments–Diagnosis (Investigat. include History; Monitoring; Analyses) Interventions (respect of the integrity; durability); Monitoring.
- Part 2 - Specific Problems Foundations, Cliffs, Urban areas, Landslides. General subsidence, Effects of new structures on old monuments.
- Part 3 - National Reports (Collection of regulations and codes of practice; List of the main problems; Relevant Case Histories.

Evaluation:

- The activity of TC19 based in the meetings and conferences organized and produced documents can be classified as Good

## TC23: LIMIT STATE DESIGN IN GEOTECHNICAL ENGINEERING PRACTICE

Chairman: Y. Honjo (Japan)

Secretary: L.M. Zhang (Hong Kong)

Website: <http://www.cive.gifu-u.ac.jp/~tc23/index.html>

Terms of Reference:

- Discuss the performance based design concept in conjunction with geotechnical limit state design.
- Information concerning implementation of limit state design codes in various countries and regions.
- Discussion of 'test values', 'derived values' and 'characteristic values'.
- Review and advance the reliability based methodologies on determination of partial factors.
- Discuss how partial factors be used in numerical design calculation, especially in FEM, and highly non-linear force-deformation behaviours.
- Issues concerning geotechnical design codes in the small and/or developing countries:

Planning:

- June, 2006, Geo-Shanghai Inter. Conf. – Session on Limit State Design in Geotec. Engin. 2006, Taipei, Symposium on New Generation Design Codes and Geotechnical Engineering Practice
- 2007, Tokyo, 10th Internat. Confer. on Application of Statistic and Probability in Civil Engineering
- September, 2007 Madrid, Special Session sprit of Niels Ovesen, XIV ECSMGE, Co-organized with DGS and ETC10
- A Symposium on Georisk in collaboration with TC32 and GI-RAM. (Geo-risk 2008)

Evaluation:

- Limit State Conf. Gifu, June 2009
- Workshop during ICSMGE in Alexandria, Egypt. An opportunity to conclude the 8 years of activities on Tasks set by ITC23.
- TC 23 activity can be classified as Very Good.

## TC28: UNDERGROUND CONSTRUCTION IN SOFT GROUND

Chairman: Professor Richard Kastner (France)

Secretary: Dr Jamie Standing (UK)

Terms of Reference:

- Forum for interchange of ideas and discussion in tunneling and deep excavations.
- Information concerning the design, construction and analysis of deep excavations and tunnels with emphasis on effects and control of ground movements and mitigation measures.
- Publication of well documented case histories and reports on the design and monitoring of deep excavations and tunnels
- To contact with TC37 (Interactive geotechnical design), TC2 (Physical modelling).

Planning:

- Workshop in Budapest (planned for 2007, now postponed)
- Workshop in Perth, 2007
- Meeting of TC28 during European Conf, Madrid, 2007.
- Intern Symposium in Shanghai (10th to 12th April 2008)
- Database for tunnelling and deep excavations
- Guidelines for comparing field or physical model observations with numerical simulations

Evaluation:

- Workshop during XVII ICSMGE, Alexandria 2009.
- TC 28 activity can be classified as Very Good.

## TC29: LABORATORY STRESS STRAIN STRENGTH TESTING OF GEOMATERIALS

Chairman: Professor Richard Jardine (UK)

Secretary: Prof. Satoru Shibuya (Japan)

Terms of Reference:

- To promote co-operation and exchange of information concerning research and developments in advanced laboratory geotechnical testing, including apparatus, techniques, data acquisition and interpretation.
- To encourage the application of advanced laboratory testing in research in integrated site characterisation studies and in ground modelling.
- To explore how advanced testing can be used most constructively in practical geotechnical engineering.
- Collaboration with TCs and specialists working in laboratory and field testing, sampling, theoretical and numerical analysis, and in project engineering and full scale observation.

Planning:

- A one day symposium, Imperial College London (20th March 2006)
- One day symposium was held in Hong Kong (3rd June 2006)
- A second-part day symposium at Imperial College in London (21st March 2007)
- 4th Int. Symposium on Pre-Failure Deformation Properties of Geomechanics at Atlanta, Georgia, USA Sep. 21st-24th 2008.

Evaluation:

- TC 29 activity can be classified as Very Good.

### TC32: ENGINEERING PRACTICE OF RISK ASSESSMENT AND MANAGEMENT

Chairman: Farrokh Nadim (Norway)

Secretary: Gordon A. Fenton (Canada)

Website: <http://www.engmath.dal.ca/tc32/index.html>.

#### Terms of Reference:

- To promote activities to Geostatistics and probabilistic site characterisation.
- Quantification of uncertainties in performance prediction.
- Reliability-based design.
- Risk-based decision analysis.
- Calibration of LRFD-type geotechnical design codes.
- Risk evaluation and risk mitigation.
- To reach a consensus related acceptable risk assessment and management involving geotechnical and structural designers, contractors, owners and decision-makers.
- Update the Glossary of risk terms and definitions.

#### Planning:

- Special sessions and short courses in international conferences and seminars and assemble a set of course notes.
- Develop Guidelines for risk assessment and management in geotechnical engineering.
- Organise an International Conference on Risk Assessment and Management in 2008.
- Develop a bibliography for risk assessment and management.

#### Evaluation:

- The activity of TC 32 based in the meetings and conferences organized and produced documents can be classified as Good.

### TC33: GEOTECHNICS OF SOIL EROSION

Chairman: Prof. Jean L. Briaud (USA)

Secretary: Dr. Michael Heibaum (Germany)

Website: <http://www.civil.tamu.edu/Research/Scour-tc33>

#### Terms of Reference:

- The erosion-advanced organizations (academia, government, private firms) in selected countries share their knowledge on Geotechnics of Soil Erosion including practice and applied engineering research with other countries interested in the topic. Deliverable = regional short courses, web pages. Schedule = yearly.
- Global guidelines are developed. Deliverables = reports, web based documents. Schedule = about 3 years.

#### Planning:

- Exchanges take place on the international research progress. Deliverables = conferences and proceedings. Schedule = every 2 years.
- A new web site is developed. Deliverables = a web site. Schedule

#### Evaluation:

- TC 33 activity can be classified as Very Good.

### TC34: PREDICTION AND SIMULATION METHODS IN GEOMECHANICS

Chairman: Fusao Oka (Japan)

Secretary: Akira Murakami (Japan)

#### Terms of Reference:

- Prediction of chemo-thermo-hydro-mechanical coupled instabilities to progressive failure, liquefaction, chemo-thermo-hydro-mechanical coupled problem, erosion and rapid flow of complex fluidized geomaterials.
- Advanced constitutive models of geomaterials and development of new numerical methods incorporating degradation and formation of soil structures, rate dependency, anisotropy, grain damage etc.
- Calibration of constitutive and numerical models, and verification of analysis methods.
- Reevaluation of existing practical prediction methods by advanced and comprehensive numerical analysis methods.
- Transfer of knowledge activities and training; •Training and education on the existing applicable and comprehensive methods and new findings and cooperation with practitioners.

#### Planning:

- Workshop during the European Conference on SMGE, 2007 in Madrid, Spain.
- Workshop during the Asian conference on SMGE in Kolkata, 2007, India
- Int. Symposium on Prediction and simulation methods for Geo-Hazard mitigation, 2008 Osaka, Japan: co-organization of JGS
- Short course for training and education of advanced prediction and simulation methods in geotechnical engineering, 2006-2009;

#### Evaluation:

- Workshop during or before the 17th ICSMGE in Alexandria, Egypt.
- TC 34 activity can be classified as Very Good.

### TC35: GEO-MECHANICS FROM MICRO TO MACRO

Chairman: Prof. Malcom Bolton (UK)

Secretary: Prof. Masayuki Hyodo (Japan)

#### Terms of Reference:

- To promote co-operation about the behaviour of soil grains to clarify the micro-mechanisms of the behaviour of soils.
- To promote improved Discrete Element Modelling (DEM) of soil aggregates, through laboratory tests, to observe grain crushing and rearrangement.
- To encourage a micro-structural understanding of significant macroscopic behaviours such as compressibility, anisotropy, yielding, creep, cyclic liquefaction, shear rupture and tensile fracture.
- To discuss use of micro-structural measurements to enhance soil characterisation procedures (grading, plasticity index, CPT / SPT etc)
- To the study the application in rock mechanics, metal powders, ceramic pressings, and food processing.
- To co-operate with other Technical Committees where the granular perspective is valuable.

#### Planning:

- IS-Yamaguchi '06  
<http://web2.cc.yamaguchi-u.ac.jp/~isy06/>
- International Symposium on Geomechanics and Geotechnics of Particulate Media (12th -14th September 2006, Yamaguchi University, Ube, Japan)
- To encourage local working groups on particulate mechanics, to organise regional workshops and international symposia, and to negotiate with major journals for the creation of special issues devoted to progress in this topic



## Evaluation:

- TC 35 activity can be classified as Very Good.

## TC36: FOUNDATION ENGINEERING IN DIFFICULT SOFT SOIL CONDITIONS

Chairman: G. Y. Auvinet (Mexico)

## Terms of Reference:

- Cooperation and exchange of information on characterization of difficult soft soil sites, focusing representative soil profiles and static and dynamic properties to be considered in foundation design.
- To elaborate recommendations for in situ and laboratory testing of soft soil in extreme conditions.
- Contributions of design method and technology related foundations in soft soils taking into account regional subsidence and seismic amplification.
- To prepare proposals for monitoring schemes as well as for pile testing, in cases of foundation in extreme soft soil and/or earthquake conditions.
- To collect and publish well-documented case histories regarding analysis, design, construction and behaviour of foundations and earth structures built on soft soils.

## Planning:

- Intern. Symp. on Rigid Inclusions in Difficult Soft Soil Conditions (2006).
- Touring lectures (2006) in: Chile, Paraguay, and Korea.
- To participate in the 50th anniversary celebration of Mexican Society of Soil Mechanics, October 2007.
- Meeting during the Pan-American Conf., Isla Margarita, July 2007
- Meeting during European Conference in Madrid, 2007.
- Meeting during ISSMGE International Conference in Alexandria, Egypt, 2009.

## Evaluation:

- Foundation Engin. in Difficult Soft Soil Conditions”, ed. by G. Auvinet, B. Indraratna, XVI ICSMGE
- The proceedings of the “Intern. Symp. on Rigid Inclusions in Difficult Soft soil Conditions (2006)” ed. by G. Auvinet, J.L. Ráñgel and M. Juárez
- TC 36 activity can be classified as Very Good.

## TC37: INTERACTIVE GEOTECHNICAL DESIGN

Chairman: Ken Been (Canada)

## Terms of Reference:

- To determine the extent of use of Interactive Geotechnical Design in different regions of the world, and how it has been incorporated in geotechnical design codes and guidelines
- To promote general awareness of the advantages of interactive geotechnical design, including related legal aspects and risk analyses;
- To work with International Association of Bridge and Structural Engineers to understanding and assessment of potential failure and deformation modes associated with soil-structure interaction,
- To promote the benefits of active monitoring in projects involving displacements resulting from settlement and stability
- To formulate a good approach to the Observational method for complex geotechnical projects

## Planning:

- Survey to determine the current status of the observational method, its application and barriers to wider application.
- Approach the IABSE (Inter. Assoc. of Bridge and Structural Engin.) to determine their interest in a joint conference or workshop on Interactive Geotechnical and Structural Design.
- Organise a conference in end of 2008 or in 2009 (with IABSE, and with TC 32) to disseminate the results of the survey.
- Provide more case histories and examples of interactive design

## Evaluation:

- Following interaction with TC 32 a joint Symposium is planned for the occasion of Pan Am Conference, Toronto October, 2011

## TC38: SOIL-STRUCTURE INTERACTION

Chairman: Professor Vladimir Ulitsky (Russia)

Secretary: Dr. Michael Lisysuk (Russia)

## Terms of Reference:

- To promote co-operation and exchange on soil-structure interaction to enhance overall engineering and research expertise within this area.
- To identify examples of well-documented case histories involving soil-structure interaction.
- Analyse of case histories using soil-structure interaction models and to compare results with observations.
- To serve as an organizational support in promoting and advancement of new calculation methods in soil-structure interaction, as well as in development of related interactive monitoring and application of the observational method
- To organize workshops and conferences on soil-structure interaction, and further inclusion of related sections into international (regional) scientific geotechnical conferences.
- To prepare a guide giving recommendations for practitioners' approach to soil-.

## Planning:

- Participation in XIII Danube-European Conf. Ljubljana, 2006.
- Meeting of members of TC 38 (XIII Danube Eur. Conf.)
- Workshops 2006 – Saint Petersburg, and in –Ghent)
- Workshops “Use of soil-structure interaction principles for design of high-rise buildings” 2007 – Saint Petersburg, and Shanghai.
- TC 38 Meeting (XIV European Conf. 2007, Madrid).
- Participation of TC 38 in the Touring lectures in Indonesia on Soil-Structure Interaction (17-19 October 2007, Jakarta) by invitation of ISSMGE President Prof. P. Sêco e Pinto.
- International geotechnical conference “Development of cities and geotechnical engineering” (S. Petersburg, June 2008). Session “Soil-Structure Interaction”. Meeting of members of TC 38.

## Evaluation:

- After collecting the data on the case histories analyses to continuously work on preparation of a guide giving recommendations for practitioners’
- Preparation of the technical report on TC 38 activities and achievements to the XVII ICSMGE in Alexandria, Egypt, 2009.
- TC 38 activity related meetings and conferences and produced documents can be classified as Excellent.

### TC39: GEOTECHNICAL ENGINEERING FOR COASTAL DISASTER MITIGATION AND REHABILITATION

Chairman: Dr Jian Chu, Singapore (SEAGS)  
 Secretary: Dr KK Phoon, Singapore (SEAGS),  
 Website: <http://reliability.geoengineer.org/TC39/>

#### Terms of Reference:

- To conduct and coordinate research and development activities on coastal related disaster prevention, mitigation and rehabilitation works.
- To work with local professional bodies and governments to provide technical supports and assistance to the planning, coordination and implementation of disaster rehabilitation and disaster mitigation works
- To develop pamphlets for public education and documents or design guides for geotechnical works related to coastal disaster prevention, mitigation and rehabilitation,
- To coordinate and provide trainings and promote international research collaborations and cooperation through conferences, workshops, short courses, special training sessions, and other activities conducted jointly with local and international communities.

#### Planning:

- Supporting the Int. Symposium on New Generation Design Codes for Geot. Engin. Practice, Taipei, Taiwan, Nov 2006.
- Supporting the Int. Conf. on Mitigation of the Risk of Natural Hazards, Sri Lanka, March 2007.
- Organising Special Session on Geo-hazard Mitigation at the 13th Southeast Asian Geotechnical Conf. in Kuala Lumpur, May 2007.
- Organising a Special Session on Disaster Prevention Technologies at the Kyushu 2007, 5th Int. Conf. on Earth Reinforcement.
- Organising a Spec. Session on Disaster Mitigat. and Management, 13th Asian Reg. Conf on Soil Mech. and Geot Eng., Dec 2007, Kolkata,
- 2nd Int. Conf. Geot. Eng. for Coastal Disaster Mitigat. and Rehabilitation (GEDMAR08), Nanjing, 2008, jointly with TC4,

#### Evaluation:

- Publishing a book on "Geo-disasters in Coastal Areas: Processes, Rehabilitation and Case Histories" by Thomson Learning.
- Based on the book published, a State-of-the-Art Report will be submitted to ISSMGE before the next ISSMGE conference in Alexandria, Egypt, in 2009.
- TC 39 activity related meetings and conferences and produced documents can be classified as Excellent.

### TC40: FORENSIC GEOTECHNICAL ENGINEERING

Chairman: Dr.V.V.S. Rao, India  
 Secretary: Prof. G.L. Sivakumar Babu, India,  
 Website: <http://reliability.geoengineer.org/TC40/>

#### Terms of Reference:

- Project reconnaissance and characterization of the distress, including document search of plans, codes, and other technical specifications followed in the original design.
- Diagnostic tests: Design and perform both field and laboratory tests using actual field parameters to evaluate the behaviour of soil / ground.
- Back analysis: Selection of theoretical model and methods of analysis.
- Instrumentation and Monitoring

- Development of the most probable failure hypothesis and cross-check with original design.
- Performing reliability checks
- Legal issues involving jurisprudence system

#### Planning:

- Discussion session organized in Singapore on 30th May 2006 by Prof. K.K. Phoon. The conveners of the subcommittees attended the session.
- A special session on Forensic Geotec. Engin. organized during 13ARC in Kolkata. Conveners of all subcommittees have prepared papers
- A workshop is planned in USA during 2008 on legal issues in FGE.
- It is proposed to hold a separate session on FGE during ICSMGE at Cairo.

#### Evaluation:

- Technical content to be considered by each subcommittee was discussed and a overall format of the proposed book on Forensic Geotech. Engin. was finalized.
- TC 40 based in the meetings and sessions organized and produced documents can be classified as Good.

### TC41: MEGA CITIES

Composition Chairman: Dr. Arsenio Negro (Brazil)

#### Terms of Reference:

- Development of the state of the art and practice in geotechnical infrastructure engineering for Mega cities and associated geotechnical problems from technical and socio-economic viewpoints.
- To exchange knowledge and information on geotechnical issues at during time of construction and reconstruction of Mega cities and new capitals, like Tokyo, Mumbai, Kolkata, St. Paulo, Rio de Janeiro, Mexico, New York, Istanbul, Cairo, Astana, Moscow, Brasilia, Berlin etc.
- To develop or improve design conception and philosophy of Geotechnical infrastructures of construction of high store buildings and unique objects on new capitals and Mega cities.
- To interact with JTC 1, TC 5, TC 18, TC 28, TC 32-

#### Planning:

- Co-sponsor of the Intern. Geotec. Symposium in Sakhalin, Russia, in July, 2007.
- Organize TC meeting in Kolkata, India, during ARC, December, 2007.
- First Geotechnical International Symposium on Geotechnical Infrastructure for Mega Cities in 2008. Rio de Janeiro.
- Organization of a Intern. Conf. on Mega Cities and New Capitals, Astana, May 2009.
- Organize Technical Session in the next ICSMGE, 2009.

#### Evaluation:

- To publish a case history volume with data of good qualities, for developing geotech. engineering on problematic soil ground on Mega cities.
- TC 41 activity can be classified as Very Good

### TRANSCRIPTS OF TWO LETTERS FROM THE PRESIDENT TO TC CHAIRPERSONS

27 September 2008

Dear Chairpersons

As you might remember during the period of January to May 2006 I had the opportunity to interact with all of you, in order

to discuss the Terms of Reference, Core Members and Planning of Activities of the Technical Committees.

I have put a lot of emphasis in the outcome of TCs activities, e.g. a report to be submitted and discussed for the occasion XVII ICSMGE in Alexandria, 5-9 October, 2009.

During the past months I have informed some TCs chairpersons, for the occasion of several ISSMGE conferences, about the possibility to organise a Satellite conference or Special Session in Alexandria for the occasion of XVII ICSMGE. I have encouraged them to profit this opportunity, as this close the period of TC activity of 4 years.

For the organisation of these events there are 3 possibilities: (i) before the Conference, (ii) during the Conference 5-9 October 2009; iii) or after the Conference.

In my interaction with the chairpersons I have informed them that during the conference, due to logistic difficulties, only can be accommodated a few sessions with one period of 2.5H, or exceptionally two periods of 2.5H. So I have encouraged them to interact with their members in order to select the best option.

After taking your final decision related the format of the Satellite conference or Special Session and to avoid any type of misunderstanding, please inform Dr. Mamdouh Hamza, Chairperson of the Organising Committee and Dr. Marawan Shahien, Secretary General of the Organizing Committee of 17th ICSMGE.

Please send me always a copy of your e-mail, as this will help me to identify any type of problem and to work in a solution.

I hope that this letter has contributed for the clarification of this issue, but if you have any query, please let me know.  
With my personal regards  
Pedro Sêco e Pinto

3 May 2009

Dear Chairpersons

I hope you are well.

As you aware the ISSMGE Statutes stipulate that the Technical Committees should prepare a report for distribution at the time of the ICSMGE. This report is often referred to as the Administrative Report and covers the activities of your TC in the four year period September 2005 – October 2009. It should be prepared in accordance with the Alexandria conference publication instructions which can be obtained from the Internet Site:

<http://www.2009icsmge-egypt.org/AuthorInformation/AuthorInformation.aspx>  
and should include:

- (i) TC composition
- (ii) Terms of Reference
- (iii) Activities initiated
- (iv) Activities completed and reported e.g. in published reports or conference proceedings, seminars, workshops, conferences, etc. (i.e. achievements).
- (v) Activities in hand and to be completed soon such as an imminent conference or report publication.

Your report should take up no more than 4 pages of the Conference Proceedings and be submitted by e-mail to Paloma

Peers on [secretariat@icsmge.org](mailto:secretariat@icsmge.org) to arrive no later than 15th June 2009. In addition you should send a copy to me.

As I need to make recommendations about the future of TC's based on the document, I will appreciate to receive your report in good time.

Many thanks for your kind attention and co-operation.

If you have any query or need any clarification, please let me know.

With my personal regards

## APPENDIX 3 – REGIONAL REPORTS BY VICE PRESIDENTS

### AFRICAN REGION – M. BOUASSIDA

The present document summarizes the main activities undertaken by African Geotechnical societies during the term 2005 -2009 based on the collected information from representatives of African Geotechnical Societies.

#### I. Membership:

In May 2008 the Mozambican Geotechnical Society was formally established and joined ISSMGE, becoming the eleventh Member Society of the African Region. Membership of the African region is now approximately 3.6% of the total ISSMGE membership. A number of discussions have been held with geotechnical engineers from Algeria and Libya with a view to their forming new Member Societies of ISSMGE, but with no success to date.

#### II. Activities of African Geotechnical Societies

It should be noted that prior to 2005, only four societies (Egypt, Nigeria, South Africa and Tunisia) attempted to keep payment of membership fees up-to-date. After 2005 to date, (with the exception of the Moroccan, Kenyan and Zimbabwean societies for different reasons) the other societies (Ghana, Sudan, and CTGA), reacted positively to contact by e-mail and personal meetings and conferences, and have settled their arrears to become active societies. Below, priority is given to the three societies whose representatives submitted activity reports, and who in fact show consistent activity. For the remaining societies, this report mainly includes information that has previously been included in reports prepared for ISSMGE board meetings.

A good indication of increased activity in African societies is the organization of many national and international events, as is an increased number of African geotechnical engineers trying to attend more international conferences organized in other continents. Furthermore, the creation of a regional technical committee was encouraged to increase involvement of African geotechnical engineers, and attempt was made to establish a data base of geotechnical centres in the region. It is clear that difficulties in communication and limited financial support still remain a handicap for most African geotechnical societies in promoting their activities in the region.

#### II.1. EGYPTIAN GEOTECHNICAL SOCIETY (EGS):

1. Concentration on the preparation of the XVII ICSMGE Alexandria ([www.2009icsmge-egypt.org](http://www.2009icsmge-egypt.org)) (5 – 9 October 2009). The efforts of most members of the EGS have been absorbed by the upcoming conference.

2. EGS secretariat worked to increase individual as well as corporate membership in the society.
3. EGS organized several general lectures for its members and guests. These lectures were delivered by Egyptian as well as non Egyptian scholars.
4. EGS organized three site visits for its members to important projects in Egypt.
5. EGS has encouraged young geotechnical engineers especially from academia to join the 4th International Young Geotechnical Engineers Conference to be held in Alexandria (2 – 4 October) before the 17th ICSMGE.

## II.2. GEOTECHNICAL DIVISION OF THE SOUTH AFRICAN INSTITUTION OF CIVIL ENGINEERS (<http://www.geotechnicaldivision.co.za>)

The Geotechnical Division of the South African Institution of Civil Engineers currently (as of Jan 2009) has 315 members. All members are also enrolled for ISSMGE membership. The management committee of the Geotechnical Division meets 5 times per year and comprises about 12 volunteer members, with representatives from the South African Institution of Engineering Geologists (SAIEG), the Geosynthetics Interest Group of South Africa (GIGSA) and the South African National Institute of Rock Engineering (SANIRE). During the past four years the Geotechnical Division has undertaken the following activities.

### 2005

June: Young Geotechnical Engineers Conference  
October 4th Jennings Lecture by Prof Louis de Mello (Johannesburg and Durban)  
October: Rankine Lecture by Prof Kerry Rowe (Johannesburg and Durban)  
November: AGM (Johannesburg). Various evening lectures spread throughout the year.

### 2006

August: Plaxis Course  
September: 5th Jennings Lecture by Prof Chris Clayton from the University of Southampton (presented in Johannesburg and Durban)  
November: AGM (Johannesburg)  
Various evening lectures spread throughout the year.

### 2007:

March 1) Piling seminar by Dr Fiona Chow and Dr Hillary Skinner (presented in Johannesburg)  
2) Rankine lecture by Prof. Robert Mair from the University of Cambridge (presented in Stellenbosch and Johannesburg).  
September: 6th Jennings Lecture by Prof Ken Stokoe from the University of Texas (presented in Johannesburg and Durban)  
November: AGM (Johannesburg).  
Various evening lectures spread throughout the year.

### 2008

January Launch of SA Code of Practice for the Profiling of Small Diameter Shafts and Trial Pits for Geotechnical Investigation  
June: Advance Plaxis Course (3 days, attended by 14 delegates)  
August: Young Geotechnical Engineers Conference (3 days, attended by 85 delegates)  
September: 7th Jennings Lecture by Prof Malcolm Bolton from the University of Cambridge  
November: Problem Soils Seminar (2 days, attended by 185 delegates)

November: AGM (Johannesburg): Various evening lectures spread throughout the year.

### 2009 (planned)

Various afternoon lectures spread throughout the year.

June: Course on the dynamic analysis of foundations

August: Problem Soils Course for Young Engineer and students (presented in Johannesburg, Durban and Cape Town)

September: 8th Jennings lecture (lecturer to be announced)

Launch of SA Code of Practice for Site Investigation (Planned for later this year or early 2010 depending on progress)

November: AGM (Johannesburg)

In addition to the above, the Geotechnical Division is currently active in compiling a Code of Practice for Geotechnical Engineering for the Engineering Council of South Africa (ECSA). The Division has also been involved over the last number of years in the compiling of a recently completed South African Limit State Loading Code SANS 10160, compatible with the Eurocodes. The Division is also giving input into the compilation of the new South African National Building Regulations SANS 10400.

## II.3. TUNISIAN SOCIETY OF SOIL MECHANICS (ATMS)

The Tunisian Society of Soil Mechanics: “Association Tunisienne de Mécanique des Sols” (ATMS) was created in 1985. Its membership in ISSMGE began with 10 ISSMGE members. During the nineties ATMS was not able to develop continuous and significant activities either nationally nor internationally. Since 1999, ATMS endeavoured with young and motivated committee members, both from academic and industrial sides, to organize National seminars, as well as international meetings. From 2003 ATMS has been paying membership fees regularly, and doubled its ISSMGE membership to 20 members. Greater efforts have been made recently, particularly as from when the present VP was elected to act on behalf of Africa. All statistics clearly show how ATMS can be classified as one the most active African society from 2005 to date. The ATMS has launched its website [www.atms.org.tn](http://www.atms.org.tn) in April 2007.

### 2005

An international conference was organized on 25 – 26th March on « Soil compaction ». This event was preceded March 24 by two courses. The conference proceedings were composed of 23 papers (254 pages), and a separate edition of two documents of a practical course. This event was attended by one hundred and twenty (120) participants from seven countries (Tunisia, Algeria, Côte d’Ivoire, France, Irak, Sénégal, Qatar). Five oral sessions included two keynote lectures and twenty one oral presentations.

3rd December: Technical seminar about « Radès La Goulette Bridge Project ». For this first stay cable bridge in Tunisia there were four oral presentations about geotechnical campaigns, foundation solution and related design and methods of construction.

### 2006

29th April: Technical seminar about « Pressure meter ». Four oral presentations were devoted to the practice, the interpretation and design issues from pressuremeter data.

December 15th & 16th: ISSMGE international seminar on « Reinforcement techniques and soil improvement: from theory to practice ». A detailed report is available in ISSMGE bulletin of News (volume 1, Issue 1, 2007).

## 2007

March 15th: ISSMGE board meeting at National Engineering School of Tunis.

March 16th & 17th (Hammamet): 2nd African Conference of Young Geotechnical Engineers. A detailed report is available in ISSMGE bulletin of News (Volume 1, Issue 2, 2007).

## 2008

April 25th: (Tunis) National technical seminar about « Big excavations in urban areas ».

October 18th (Sfax City): National technical seminar about « Taparura project. A visit to the project site was organized.

December 11th & 12th (Tunis). Training course on Design of retaining structures by the use of finite element code PLAXIS v8 and K-REA software (in collaboration with French committee of soil mechanics).

## 2009

January 31st: Technical seminar and visit to site (Enfidha) of Zine El Abidine Ben Ali Airport project

March 13th & 14th (Hammamet): Technical seminar on « Geosynthetics ».

## II.4 Main activities by other societies

CTGA: November 26th -28th 2007: Organization of 14th African Regional Conference in Yaoundé (Cameroun). See detailed report in ISSMGE bulletin of news (Item III).

## GHANA GEOTECHNICAL SOCIETY:

(www.ghanageotech.org)

February 2009: International Seminar « Accelerated ground improvement » See detailed report in ISSMGE bulletin of news (Item III).

## NIGERIAN GEOTECHNICAL SOCIETY:

January: A two days international Seminar “Environmental Geotechnics” was organized (in Lagos, attended by 80 participants) by NGS in collaboration of ISSMGE president and supported by TC5. Invited Lecturers were Professors P. e Seco Pinto, M. Manassero (Italy), and H. Thomas (UK). TREVI Company has supported financially the Seminar.

A meeting with all members of Nigeria Geotechnical Society also took place.

December: Professor S. Ejezie elected next Vice President of ISSMGE for Africa. Congratulations.

## MOZAMBICAN GEOTECHNICAL SOCIETY:

July 2009: International Seminar and preparation of next 15th ARC on SMGE (Maputo, June 2011). The preparation of next ARC will be discussed on 29th – 30th July 2009 in CAC meeting (Maputo). This meeting is followed by an international seminar (agenda to be circulated soon).

## III. Reported information:

Most of relevant Geotechnical events held in Africa from 2006 to date has been forwarded in due time either by published reports in ISSMGE bulletin of news or posted on ISSMGE website. Thus, it is clear that there is greater activity in Africa, and the region contributes positively to the development of ISSMGE.

## ISSMGE bulletin of News

## Volume 3 issue 1, 2009

- International seminar in Accra- Ghana.

- Dr. Imen Said (Tunisia) young member of ATMS will represent Africa as coordinator for collecting and reporting the information to be published in ISSMGE bulletin of news.

- 17th International Conference on Soil Mechanics and Geotechnical Engineering Bibliotheca Alexandrina, Alexandria, Egypt, 5-9 October 2009

## Volume 2, issue 3

- Case History by F. Kanoun and M. Bouassida: Geotechnical Aspects of Radès La Goulette Bridge Project (Tunisia) pp 6 – 12.

- The 5th South African Young Geotechnical Engineers Conference

## Vol. 2, Issue 1, June 2008

- 14th African Regional Conference on Soil Mechanics and Geotechnical Engineering

- Yaoundé November 26th-25th

- Geotechnical Engineering in Africa – An Overview

## Volume 1 issue 2 2007

- A Message from the Vice President.

- Report of the Second Young African Geotechnical Engineering Conference (2nd YAGEC)

## Volume 1 issue 1 2007

- “Soil Improvement” Touring Lecture organized by ATMS and ISSMGE in Tunisia 15-16th December 2006.

## Website of ISSMGE: conference reports

Overview on International Conference on Geotechnical Engineering - (Tunisia, March 24-26 2008).

## Achievement:

Professor Mounir Bouassida (as first 1st African recipient) was awarded the 2006 Shamsher Prakash Prize of Excellence in Geotechnical Engineering for significant contributions to soil improvement techniques in soft clays.

## Passing the torch:

The election of my colleague Prof. S. Ejezie as next VP for Africa will certainly promote much better the involvement, in geotechnical engineering activities, of African countries in the central part of Africa. During the international seminar held in Ghana (February, 2009) Prof. S. Ejezie who attended this event showed enthusiastically his interest for pursuing the «wake up » of the African region to play a much important role as part of the ISSMGE. I greatly believe Prof. S. Ejezie will endeavor to represent with dignity the African geotechnical societies. I invite all African geotechnical engineers to give him the best support for the success of African region.

## Professor Mounir BOUASSIDA

Vice President of ISSMGE for Africa (2005-2009).

Tunis, June 03rd 2009.

## ASIAN REGION - M. MADHAV

The Asian Region initially consisted of eighteen countries. Singapore and Thailand followed Hong Kong and became independent National Societies with SEAGS becoming Association of Southeast Asian Geotechnical Societies. Kyrgyzstan, Tajikistan and Uzbekistan joined the fraternity of ISSMGE during 2008.

While a large number of countries are within the regions, the active ones which organised several conferences, workshops, meetings, etc., are: China, Hong Kong, India, Japan, Kazakh-

stan, Korea, SEAGS, Singapore; SEAGS organised the regional conference in Kuala Lumpur in 2008 & India the 13th ARC.

Iran, Israel and Sri Lanka have had some activity; Sri Lanka GS celebrated its twentieth anniversary in 2007.

Kyrgyzstan, Tajikistan, Thailand and Uzbekistan are newly joined and probably need to establish themselves.

Indonesia, Nepal, Pakistan and Vietnam – Select few activities (ISSMGE International Seminar) were conducted with the great initiative of Pedro.

Very little or no activity was reported from Bangladesh, Iraq, and Syrian Geotechnical Societies.

While it is heartening to note that we have several countries in the Asian region, the issues are financial viability and lack of professional activity. Vietnam Society is having problems in paying the dues. The Board needs to address these issues.

#### CHINA:

1. The 2nd International Conference on Coupled T-H-M-C Process system, Nanjing, May 2006.
2. The 4th Asian Joint Symposium on Recent Development of Geotechnical & Geo-environmental Engineering, Dalian, Nov. 12-14, 2006.
3. The 6th International Symposium on geotechnical aspects of underground construction in soft ground – IS Shanghai 2008, April 2008.
4. The 2nd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation GEDMAR, Nanjing, China, May 2008.
5. The 10th International on Landslides and Engineered Slopes, Xi'an, June 30 - July 4, 2008. Over 400 participants attended the symposium, including 220 overseas participants.
6. The 3rd International Geotechnical Engineering Symposium on Disaster Prevention and Reduction, July 2009, Ha'erbin, China.
7. International Symposium on Geoenvironmental Engineering, Sep. 8-10, 2009, Hangzhou, China

#### Bilateral symposiums

1. The 2rd Sino-Japanese Symposium on Geotechnical Engineering, Bilateral symposium, Shanghai, Oct. 15-16, 2005. 120 participants.
2. The 3rd Sino-Japanese Symposium on Geotechnical Engineering, Bilateral symposium, on the Yangtze River, Nov. 5-6, 2007. 120 participants.

#### Workshops or seminars

1. Rankine lecture, Robert Mair, Beijing, June 2006.
2. Lumb lecture- Groundwater Contamination Caused by Industrial Activities: Origin, Migration and Fate, John Cherry, Beijing, Nanjing and Chengdu. Oct. 2006.
3. Touring Lectures - Geoenvironmental Engineering.

#### National conferences (selected)

1. The 24th National conference on Geotechnical testing, Oct. 25-26, 2005, Beijing.
2. The ninth national conference on ground improvement, Aug. 22-26, 2006, Taiyuan.
3. GeoEngChina 2006, Oct. 28-Nov. 1, 2006, Wuhan, under the auspices of Chinese Institution of Soil Mechanics and Geotechnical Engineering, Chinese National Commission on Engineering Geology, Chinese Society of Rock Mechanics and Engineering, Geotechnical Division of the Hong Kong Institution of Engineers.

4. The First National conference on Education of Soil Mechanics and Geotechnical Engineering, Beijing, China, Oct. 2006.
5. The tenth National conference on Soil Mechanics and Geotechnical Engineering, Chongqing, China, Nov. 1-4, 2007.
6. The Second National conference on Education of Soil Mechanics and Geotechnical Engineering, Nanjing, China, Nov. 2008.
7. The 25th National conference on geotechnical testing, Oct., 2008. Hangzhou, China.
8. The 2nd national conference on geoenvironmental engineering and geosynthetic technology, Nov. 2008, Changsha.
9. The tenth national conference on ground improvement, Nov. 2008, Nanjing.
10. The first National conference on constitutive theory of geotechnical materials, Dec. 2008. Beijing.
11. The first National conference on Constitutive Theory and application. Beijing, Nov. 2008.
12. GeoEngChina 2009, Chengdu, June 2009, under the auspices of Chinese Institution of Soil Mechanics and Geotechnical Engineering, Chinese National Commission on Engineering Geology, Chinese Society of Rock Mechanics and Engineering, Geotechnical Division of the Hong Kong Institution of Engineers.

#### HONG KONG

1. 9th International Symposium on Environmental Geotechnology and Global Sustainable Development, Hong Kong, China, 2-4 June 2008.
2. Cross-Straits Advanced Technical Forum on Rapid Rail Transit Construction and Environmental Engineering, Hangzhou, China, 4-7 November 2008.
3. Symposium on Ground Improvement Techniques, Macau, China, (28 November 2008).

#### Proposed Activity:

1. 14th Asian Regional Conference (ARC) on Soil Mechanics and Geotechnical Engineering, May 2011.
2. The 29th HKIE Geotechnical Division Annual Seminar "Natural Hillside: Study and Risk Mitigation Measures", April 2009.
3. ISRM International Symposium on Rock Mechanics "Rock Characterisation, Modelling and Engineering Design Methods", May 2009.
4. International Symposium on Ground Improvement Technologies and Case Histories in Singapore, 9-11 December 2009.

#### INDIA

Indian Geotechnical Conference 2006 (IGC-2006) was hosted by IGS-Chennai Chapter from 14-16, December 2006 at IIT-Madras. The theme of the Conference was "Geotechnical Engineering – Indian Experience". During IGC-06, a Young Engineers Session was an added attraction with participation of 40 students and Research Scholars.

The 13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering was held at ITC Sonar Bangla Sheraton, Kolkata from 10-14 December 2007. 470 delegates, 260 from India and 210 from abroad participated in the Conference. Delegates came from Bangladesh, China, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Kazakhstan, Korea, Nepal, Pakistan, South-east Asia, Sri Lanka, Uzbekistan, Vietnam, Brazil, Germany, France, Turkey, Russia, UK and USA. Nine TC/ATC meetings were held under the aegis

of respective technical committees of ISSMGE and the Asian Region.

Indian Geotechnical Society celebrated the Diamond Jubilee year with a series of activities culminating with the Indian Geotechnical Conference at Bangalore during Dec. 17 to 19, 2008, inclusive of Board meeting on Dec. 18th and 6th Asian Young Geotechnical Engineers conference during Dec. 20 & 21, 2008. The following is a complete list of activities held during the year 2008:

1. IGS-Hyderabad, EG2, Feb.29, March 01
2. IGS-Guntur, Recent Advances in Geotech. Engg., March 02
3. IGS-Baroda, GACEP-08, June 14th
4. IGS-Delhi, GeoSymposium (4G), July 04-05
5. IGS-Chennai, Segmental Pre cast Pile Const., July 26th
6. IGS-Chennai, Horizontal Directional Drilling, August 04
7. IGS-Kolkata, Geotech. In Present Dev. Scenario, Sept.05/6
8. IGS-Mumbai, Excavations in Urban Environment, Sept.13
9. IGS-Visakhapatnam, Problematic Soils, Oct.01-02
10. IGS-Indore, Terzaghi Oration, October04
11. IGS-Indore, NSGPC-08, Oct. 05
12. IGS-Kakinada, SPICE, Oct. 18
13. IGS-Varanasi, Recent Dev. in Geotech. Engg., Nov.13
14. IGS-Bangalore, Recent Advances in Geotech., Oct.24
15. IGS-Ahmedabad, Geotech. Solutions for Engg. Infrastructures, Nov.22
16. IGS-Pune, Geotechnique for Infrastructure – Case Studies, Nov.07
17. IGS-Chandigarh, Geotechnology for Infrastructure Development, Oct.31
18. IGS-Jabalpur, National Seminar, Oct.18-19

#### Collaboration between IGS and GI-ASCE

An agreement of Collaboration between IGS and Geo Institute of American Society of Civil Engineers (ASCE) has been formalized and the agreement signed on 01st October 2008 during 12 IACMAG 2008 Conference at Goa.

#### Special Event

The first in the series of IGS-Ferroco Terzaghi Oration was delivered by Prof. H.G. Poulos organized by IGS-Indore Chapter on 04 October 2008 at Indore. The award designated as the “IGS-Ferroco Terzaghi Oration” is for outstanding contributions to geotechnical engineering in India and at International level.

#### IRAN

"International workshop on new trends of seismic geotechnical design based on performance and life cycle analysis". Japan: 1. Professor Susumu Lai; 2. Professor Ikuo Towhata; 3. Professor Shin Ichiro Mori; 4. Dr. Shuichi Sawada; Iranian: 1. Professor Behrouz Gatmiri, 2. Dr. Fardin Jafazadeh, 3. Dr. Abbas Ghalandarzadeh & 4. Dr. Abbas Soroush.

In November 2008, IGS arranged two lecture presentations for Professor Pinto, the President of the ISSMGE, in Tehran and Isfahan.

#### Forthcoming Event:

Fourth Iranian International Conference on Geotechnical Engg and Soil Mechanics November 2010, Tehran.

#### ISRAEL

1. The 4th Biannual Israeli Conference of Civil Engineers was held on November 28th and 29th, 2005.
2. Conference on "State-of-the-Art of Piles" was held on 9th May, 2006.
3. Conference on Trenchless Technology, in memory of the late Prof. Kassiff, was held on 20th June, 2007.
4. The 5th Biannual Israeli Conference on Civil Engineering was held on 29th and 30th October, 2007.
5. Geotextile Technology & Soil Nailing, Sept. 2008.
6. Conf. On Foundation Design, Soil Nailing, & Rock Bolts, Dec. 2008. Prof.S Barla & Wittke invited to deliver lectures.
7. Dr Assaf Klar nominated to TC28.

#### JAPAN:

1. Geomechanics and Geotechnics of Particulate Media jointly hosted by TC35 and JGS.
  2. IS-Kyusyu on Earth Reinforcement, Nov. 2007.
  3. Third Sino-Japan Geotechnical Symposium Chongqing, China, jointly hosted by JGS and Chinese Institution of Soil Mechanics and Geotechnical Engineering, China Civil Engineering Society, Nov. 2007.
  4. US-Japan Workshops on Geoenvironmental Engineering and Ground Improvements, respectively, were held in New Orleans and Sacramento, US, jointly hosted by JGS and Geo-Institute of the American Society of Civil Engineers, March & May 2008.
  5. IS Tokyo, Int. Conf. on Scour and Erosion, Nov. 2008, - Supported by TC33.
  6. JGS-KGS Joint Symposium, Tokyo, Nov. 2008.
- Planned for the coming year:
1. IS-Kyoto 2009 on Prediction and Simulation Methods for Geo-hazard Mitigation.
  2. IS-Gifu 2009 on Geotechnical Safety.
  3. IS-Tokyo 2009 on Performance-Based Design in Earthquake Geotechnical Engineering and Risk.
  4. 43rd National Conference on Geotechnical Engineering, Kanagawa, August, 2009 - celebrating our 60th anniversary.

#### KAZAKHSTAN

Conferences, seminars, workshops:

1. Kazakhstan Geotechnical Society with ATC 3, TC-4 organized Second International geotechnical symposium - geotechnical engineering for disaster prevention in Yuzhno-sakhalinsk (Russia), 2007, July,
2. TC-41 regular international seminars in Eurasian National University, Astana.
3. International Geotechnical Symposium Third International Geotechnical Symposium on Geotechnical Engineering for Disaster Prevention, July, 2009, Harbin, 2009, China (with Harbin Polytechnical Institute, ATC-3 & TC-4)
4. International Geotechnical Conference on Geotechnical Infrastructures for Megacities and New Capitals (with TC-41, Eurasian National University), May, 2009, Astana. Prof. Pinto and Prof. A. Negro delivered keynote lectures at this conference.
5. TC-41 Workshop on Geotechnical Infrastructures of Megacities and New Capitals at Eurasian National University in November 2008 (Professors T. Tanaka, Kenji Okajima and T. Iida, Professor E.U Shin, and Professor R. Usmanov, Professor Dave Chan, and Professor Mamuro Mimura, delivered keynote lectures.

Kazakhstan Geotechnical Society helped admittance of three new Asian (Uzbekistan, Kyrgyzstan and Tajikistan) societies to join ISSMGE. Prof. Pinto had a meeting with the four cen-

tral Asian Societies in May 2009 to foster the activities of ISSMGE.

#### KOREA

2008 National Geotechnical Engineering Conf., Oct. 10 & 11, Chonnam Univ., Gwangju.  
 ATC 7 Int. Symp on Lowlands, Sept. 24 – 26, 2008, Busan.  
 ATC 18 Mega Foundations Workshop, Seoul, Nov. 21, 2008.  
 Korea-Japan Workshop – see Japan.  
 TC Foundation Workshop, Hanyang Univ., June 20.  
 TC Rock Engineering Workshop, June 26, SC Convention Centre.  
 TC Slope Stability Workshop, June 27, SC Convention Centre  
 TC Offshore Geotech. Workshop, Sept. 5, SC Convention Centre.  
 TC Soft Ground Engineering Workshop, Nov. 21, Seoul.

#### PAKISTAN

- Seminar on Tunnelling, Deep Excavation and Substructures, October 9, 2008, Lahore.

#### GEO S SINGAPORE

1. Seminar on Instrumentation for Large Projects: Project Monitoring, Data Analysis and Interpretation.
2. Seminar on Deep Vibro Techniques for Tank Foundations and Infrastructure Projects Aug 2008.
3. 1-Day GeoSS-BCA Seminar on Soil and Rock Properties for Geotechnical Engineering Applications, Sept. 2008.
4. Seminar on Large Man-made Airport Island in Japan: History of Reclamation Technology and Recent Interpretation of Long-term Consolidation, Oct. 2008.
5. Concept and Parameters for Ground Improvement, Oct. 2008.
6. GeoSS-BCA Seminar on Challenges in the Design and Construction of Foundations, Jan. 2009.
7. International Symposium on Ground Improvement, Dec. 2009 - jointly with HKGS

#### SEAGS

1. Fifth Asian Young Geotechnical Engineers Conference, June 2004, Taipei, Taiwan.
2. Fifteenth Southeast Asian Geotechnical Conference, November 2004, Bangkok, Thailand.
3. One-Day Workshop on Geosynthetics Reinforced Structures, Bangkok, Thailand, December 2005.
4. Symposium on Geotechnical Aspects of the Second Bangkok International (Suvarnabhumi) Airport in Thailand, May 2006.
5. Sixteenth Southeast Asian Geotechnical Conference, May 2007, Kuala Lumpur, Malaysia
6. International Symposium on Geotechnical Engineering, Ground Improvement and Geosynthetics for Human Security and Environmental Preservation, December 2007, Bangkok, Thailand.
7. Third International Conference on Site Characterization, April 2008, Taipei, Taiwan.

#### SRI LANKAN GEOTECHNICAL SOCIETY

1. SLGS Conference on Geotechnical Engineering under Difficult Ground Conditions, Aug. 2006.

2. Landfilling as a Solid Waste Management Practice: Challenges, Concerns and Strategies (January 2006)
3. Geotechnical Aspects of Natural Hazards: Sri Lankan Experience (February 2006)
4. Ground Improvement Techniques for Building and Road Construction (March 2006)
5. Sri Lankan Geotechnical Society's First International Conference on Soil and Rock Engineering (August 2007).
6. Conference on Geosynthetic Applications and Ground Improvement Techniques, March 2007
7. Workshop on Ground Improvement Techniques (December 2007)
8. SLGS Annual Conference, 2008 (December 2008)

#### THAILAND GEOTECHNICAL SOCIETY

1. Training course "soil investigation, design and construction of foundations", June at Nakorn Sritamarat Province.
2. "Hydro-shield from the view of tunneling engineer" June 2008, at the Engineering Institute of Thailand (EIT).
3. Training course "Design of foundations 1", July 2008, Bangkok.
4. "EIT-JSCE Joint International Symposium-Monitoring & Modeling" September 2008, Bangkok.
5. Training course "soil investigation, design and construction of foundations", October 2008, at Ubonratchatani Province.
6. Seminar for graduate students in the field of geotechnical engineering, October 2008 at Ubonratchatani Province.
7. Training course "Design of foundations2", November 2008 at Bangkok.
8. Organizing the training course "Design and construction of retaining structure by using geosynthetic material", December 2008 at Mandarin Hotel, Bangkok.
9. Organizing the site visit "the construction of retaining structure by using geosynthetic material" at the military base, Kanchanaburi province.

#### VSSMGE

- I. Conferences/Seminars
  1. Coordinated with the Swedish partners to organize a conference on Soft Soil Improvement by Soil-, Lime-, and Cement Columns and Columns using Granular Materials – January 2006.
  2. Slope stabilization and Soil Mechanics for Unsaturated Soils – Lectured by professors of Nanyang Technology University (NTU) – Singapore and Vietnamese professors – February 2006.
  3. Seminar on the Solutions for Landslide Prevention and Slope Protection – Cooperated with Canada. May and November 2006.
  4. Seminar on "Science, Engineering, Technology, Investment, Commerce and Cultural Values in relation to the Engineers, Managers and Leaders (Co-organized with the ASEAN Academy of Engineering and Technology – AAET, September 2006)
  5. Introduction of the New Techniques and Technologies in Construction (in coordination with Chinese and American partners). Hanoi, October 2006.
  6. Housing for Low-Income Peoples (coordinated with the Hanoi Construction Corporation - under Ministry of Construction). Hanoi, August 2006.
  7. On-line strategy – Present & Future Application. Organized in association with the experts from Sweden, the Asian Institute of Technology (AIT) Thailand, and Vietnam, 10/2006;
  8. Embankment Treatment and Slope Stabilization (organized in association with Cuban partner) – in Dec./2006;



9. Touring lectures on Soil Improvement and Foundation Engineering in Vietnam, jointly organized with ISSMGE in Hanoi and in Ho Chi Minh City (May 2007).
10. Soft Soil Treatment Technologies; lectured by the Vietnamese experts in 11/2007;
11. Introductions to different soil improvement methods, Preloading using PVD, Vacuum preloading, and Innovative methods for coastal dike construction. Lectured by the specialists from USA, and NTU Singapore, January 2008.

## ASIAN TECHNICAL COMMITTEES

### ATC3 Geotechnology for Natural Hazards

1. May 18-20, 2006: The Second Japan - Taiwan Joint Workshop on Geotechnical Hazards from Large Earthquakes and Heavy Rainfall, Nagaoka, Niigata, Japan.
2. July 25-27, 2007: International Symposium on "Geotechnical Engineering for Disaster Prevention & Reduction", Yuzhno-Sakhalinsk, Russia.
3. December 5-7, 2007: The 8th Pacific Conference on Earthquake Engineering, Singapore.
4. December 7-8, 2007: International Workshop on Earthquake Hazards and Mitigations, Indian Institute of Technology Guwahati, Assam, India.
5. December 10, 2007: ATC3 Session "Special Lectures on Restoration Works for Geotechnical Natural Hazards" in the 13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (13th ARC), Kolkata, India.
6. April 3, 2008: Joint Session for ISSMGE TC4, ATC3 and TC16 "Post Event Characterization for Geotechnical Natural Hazards" in the 3rd International Conference on Site Characterization (ISC'3), Taipei, Taiwan.
7. October 31 - November 3, 2008: International Workshop on Geotechnical Natural Hazards - The 3rd Taiwan-Japan Joint Workshop on Geotechnical Hazards from Large Earthquakes and Heavy Rainfall, Keelung, Taiwan.
8. July 22-25, 2009: The 3rd International Geotechnical Symposium on Geotechnical Engineering for Disaster Prevention and Reduction (IGS2009), Harbin, China
9. December 3-4, 2009: International Symposium on Geo-Informatics and Zoning for Hazard Mapping (GIZ2009), Kyoto, Japan.

### ATC7 Thick Deltaic Deposits

Joint Symposium: Current Geotechnical Issues of Thick Clay Deposits; Dongseo Univ., Sept. 2005.  
 Workshop on Stone Columns for Structures on Soft Ground; Busan, Feb. 2006.  
 Pre-workshop- Lectures by Prof. H G Poulos & Prof. D T Bergado, Nov. 2006.  
 Workshop on Optimum Foundation Systems for Medium to Low-rise Buildings in Busan Clay, Seoul, Nov. 2006.  
 International Symposium on Lowland Technology 2008; Busan, Sept. 2008.

### ATC8 Groundwater Environment & Quality Management

Organized international symposiums and workshops in Japan, and Thailand  
 - Participated international research in Bangladesh, Philippines and China  
 - Published reports for environmental information of ATC8 member countries, and collected related data  
 The committee is currently going to prepare some more workshops and final symposium to summarize the ATC8 activity in 2010.

### ATC10 Urban Geoinformatics

- Organized a special session (Seismic Zoning based on Geotechnical Database) in International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation, on 12-13 December 2005 in Singapore.
- Organized an international workshop in Dalian, China (1 September 2006).
- Organized a workshop in Hanoi, Vietnam on 26 March 2007
- Held a technical session at the 13th ARC (10-13 December 2007), Kolkata, India
- Attended a session of Urban Geoinformatics & Infrastructure Development at the 7th Int. Symp & Exhibition on Geoinformation in Kuala Lumpur, Malaysia on October 2008.

### ATC17 Waste Management in Geoenvironmental Engineering

1st ATC17 Meeting was held in Kolkata (India), December 2007.  
 GeoEnvironmental Engineering 2008 (GEE2008) Kyoto University, Japan on June 2008.  
 The committee plan to publish the ATC Activity Report in 2009, and distribute it at the 6th International Congress on Environmental Geotechnics (6ICEG) held in Delhi, India in November 2010.

### ATC18 Mega Foundations

The 1st ATC18 Mega Foundations Workshop during the 13th Asian Regional Conference (Kolkata, India), with international participation with 100 participants.

## AUSTRALASIAN REGION – J. CARTER

### Introduction

This report contains a summary of the highlights of the activities of the New Zealand Geotechnical Society (NZGS) and the Australian Geomechanics Society (AGS), for the period since the last Council meeting in Brisbane in October 2007.

### NZGS ACTIVITIES

- NZGS has a new chairman, Philip Robins. Ann Williams will stay on the NZGS Management Committee for another year as immediate past chair. Steve Crawford handed over his role as ISSMGE liaison for NZ to Prof. Michael Davies in 2008 – a role that provides support for Prof. John Carter as ISSMGE Vice President for Australasia. However, in September 2009 Prof. Davies will begin his term as the ISSMGE Vice President for Australasia, which the NZGS is very excited about.
- NZGS Membership is about 700. Affiliation of NZGS members with ISSMGE currently stands at 407, an increase of 67 members since October 2007.
- The honour of Life Membership is made to recipients in recognition of their significant contributions to the affairs of the Society over many years. This honour was recently bestowed upon Laurie Wesley and Warwick Prebble.
- NZGS celebrated its 50th Anniversary in 2008 culminating in the 18th NZ Geotechnical Society Symposium held at the new Business School at the University of Auckland in September. The theme of the symposium was Soil-structure Interaction – further details follow at the end of this report.

• The NZ Geomechanics Award is bestowed on the author(s) of papers that are distinguished in their contribution to the development of geotechnics in New Zealand. The award for 2008 was presented to Misko Cubrinovski, Kenji Ishihara and Harry Poulos, for their paper “Pseudo-static analysis of piles subjected to lateral spreading”. The objective of the paper was highly commendable – how to design piles to withstand lateral spreading. The paper draws from actual experience of soils that liquefied in the Kobe earthquake and observations of damage that occurred to those piles, linking this to laboratory research on large scale shake tables. The output is a clear analysis of the loads/actions acting on the piles - resulting from both the initial cyclic ground displacement and the subsequent lateral spreading displacement of the liquefiable soils. The paper assesses the uncertainties involved and finishes with a very useful step by step practical procedure for preliminary assessment and design of such piles. The sub committee also commended the authors on a very accessible and useful paper that will assist the understanding and practice of foundation design in liquefiable soils in New Zealand. The sub committee also acknowledges the many other excellent papers considered and commends the various authors on their study and reporting. The wider NZ Geotechnical community has been encouraged to take the opportunity to read the award paper and other recent New Zealand papers, which indicate the healthy state of Geotechnics in New Zealand.

• Geomechanics News continues to set a very high standard as the flagship publication of NZGS. It appears twice per year, in June and December, with issues now consistently providing members with an informative, technical, news worthy and pictorial newsletter. The newsletter also provides updates on project news, including large scale projects nearing completion in New Zealand and abroad that display amazing geotechnical issues and how they are resolved. Work is also underway to compile the entire back catalogue of Geomechanics News magazines on CD. Tables of contents of past issues can be found at: <http://www.nzgeotechsoc.org.nz/past-issues.cfm>.

• The Society's web page continues to service the Society and members. It is worth noting that income made from the employment opportunities section has made the web page and the associated internet fees self funding. The website can be accessed at <http://www.nzgeotechsoc.org.nz>.

• The 2008 Young Geotechnical Professional (YGP) award for the best NZ paper at the 8th ANZ Wellington YGP Conference was awarded to Hayden Bowen. Hayden, together with Lucy Coe (the 2006 YGP Award recipient) have submitted their papers and will be attending the 4iYGEC conference in Alexandria prior to the 17th ICSMGE.

• The 17th ICSMGE conference committee accepted six NZGS papers for presentation at the conference later this year in Alexandria. In addition, the NZGS has also supported an application for the Young Member Award, to be announced at the same conference.

• Two NZGS members were promoted to the class of Fellow IPENZ this year (2009), specifically for their continuations to geotechnical engineering. They were Malcolm Stapleton and Prof. Michael Davies.

• Future overseas speakers at NZGS local events include our Erskine Fellow, Dr. Colin Smith who will be presenting four seminars; and Prof. Wong Kai Sin from Singapore, who will be presenting three lecture and day course seminars.

• NZGS has been active in many areas, with more focus placed on YGP activities. Local branch presentations occur monthly [sometimes more frequently with overseas speakers], particularly in the Auckland region.

• Current and future issues for NZGS:

- o Complete NZ Geotechnical Seismic Design Guidelines.
- o Contribute to revision of aspects of New Zealand Standard NZS4404:2004 relating to earthworks.

o Preparation of an Auckland Soil summary for practitioners. This will outline the geology, engineering, hydrogeology and implications on engineering design of the Waitemata Group soils.

## AGS ACTIVITIES

• The Australian Geomechanics Society (AGS) was founded in 1970. AGS produces Australian Geomechanics, the newsletter and journal of the Society, and organises specialty conferences, symposia, seminars, workshops and technical meetings, including the four yearly ANZ Geomechanics conference. The activities of AGS are currently overseen by a National Committee with Chapters and Chapter Committees in New South Wales (Newcastle and Sydney), Queensland, South Australia and Northern Territory, Tasmania, Victoria and Western Australia.

• The current national chairman of the Australian Geomechanics Society is Neil Benson ([nbenson@golder.com.au](mailto:nbenson@golder.com.au)) and the Secretariat is provided by Peter Robinson of Money Tree Associates ([pbmr@optusnet.com.au](mailto:pbmr@optusnet.com.au))

• Current membership of AGS is 1,246, including 40 new members since 1 December 2008, with approximately three quarters of the members choosing to affiliate with ISSMGE.

• The journal of AGS, Australian Geomechanics (AG), continues to be published 4 times per year, with Patrick McGregor ([jambomac@bigpond.net.au](mailto:jambomac@bigpond.net.au)) as its long-serving, energetic and very effective editor.

• Mark Jaksa ([mark.jaksa@adelaide.edu.au](mailto:mark.jaksa@adelaide.edu.au)) continues to maintain and improve the AGS web site, <http://www.australiangeomechanics.org>, with external assistance from “Engineering Media”. This web site continues to receive over 5,000 visits per month, indicating the high level of interest in and the importance of this initiative.

• The AGS maintains a distinguished speaker programme, which is managed by Professor Barry Lehané of the University of Western Australia ([lehané@civil.uwa.edu.au](mailto:lehané@civil.uwa.edu.au)).

• Dr Peter Mitchell was awarded the Geotechnical Practitioner of the Year for 2008. This biennial award is for significant contribution to the practice of the geotechnical profession and the life-blood of the Australian Geomechanics Society.

• The winner of the 2008 D. H. Trollope Medal has not been announced at the time of writing (May 2009) but it is anticipated that an update may be available at the time of the Council meeting in Alexandria. The Trollope Medal is awarded to the author of an outstanding paper on either theoretical or applied geomechanics. The work reported in the paper must have been undertaken in Australia by an author under 35 years of age and can have been published anywhere in the world in the previous four years.

• The 2007 Australian Geomechanics Award was presented to Eric Hudson-Smith and Michael Grincer for their paper “Ground conditions and building protection for the new Metropolitan City project, Perth”. This award recognises the authors of the best paper published in Australian Geomechanics in each calendar year.

• The 2007 E. H. Davis Memorial Lecture was awarded to Dr Chris Haberfield. This biennial award and lecture is presented by a person selected by the AGS National Committee as having made a distinguished recent contribution to the theory and practice of geomechanics in Australia.

• The 2007 John Jaeger Memorial Award was presented to Professor Robin Fell at the 10th Australia-Geomechanics Conference in Brisbane in October 2007. This award recognises contributions of the highest order over a lifetime commitment to the geotechnical profession in Australia. The award is not restricted to members of the Australian Geomechanics Society.

- The 2006 AGS - Don Douglas Youth Fellowship was awarded to David Piccolo at the 7th ANZ Young Geotechnical Professionals Conference (YGP) held in Adelaide. The 2008 AGS – Don Douglas Youth Fellowship was awarded to Joel Gniel at the 8th ANZ YGP held in Wellington. These fellowships are awarded to the author of the most outstanding paper at an ANZ Young Geotechnical Professional Conference, or in the event that this conference is not held, at the most recently held ANZ Geomechanics Conference. The recipient must be a member of the AGS and be below the age of 35 at the time of receiving the award. Both David and Joel have submitted their papers and will be attending the 4iYGEC conference in Alexandria prior to the 17th ICSMGE.
- The Society has recently prepared and printed a series of articles and guides related to Landslide Risk Management. The comprehensive study that led to the development of these publications has received support from the Australian Government and local councils. The study was carried out by members of the AGS. A collection of these articles has been published in the March 2007 issue of Australian Geomechanics and copies of them are also available on CD from AGS – see <http://www.australiangeomechanics.org>.
- Current and future issues for AGS include:
  - o Promulgation of the AGS Landslide Risk Management Guidelines.
  - o The need for further engagement with younger geotechnical professionals.
  - o The need to interest students in a career in the geotechnical profession.
  - o The need to deal with the shortage of skilled and experienced geotechnical professionals in Australia.

#### 8TH ANZ YGP CONFERENCE - WELLINGTON

The 8th Young Geotechnical Professionals Conference was held in Wellington in November 2008 and started with a bang – it was opened with a fireworks display in Wellington Harbour. A third of the delegates were from Australia with the remainder from New Zealand. Each delegate gave a 10 minute presentation of their paper and, as mentioned earlier in this report, the New Zealand recipient of the Young Geotechnical Professionals Award was Hayden Bowen for his paper and presentation on “Pile foundations in liquefiable soil – A case study of a bridge foundation”. The recipient of the Australian Geomechanics Society – Don Douglas Youth Fellowship was Joel Gniel for his paper and presentation entitled “Predicted site behaviour of geogrid encased stone columns” (co-authored by Abdelmalek Bouazza). The keynote speaker of the conference was Prof. John Atkinson of Coffey Geotechnics and City University, London.

The 9th YGPC will be held in Australia with a venue and time still to be confirmed.

#### 18TH NEW ZEALAND GEOTECHNICAL SOCIETY SYMPOSIUM

NZGS celebrated its 50th Anniversary in 2008 culminating in the 18th NZ Geotechnical Society Symposium held at the new Business School at the University of Auckland in September. The theme of the symposium was Soil-structure Interaction. A total of 212 registrants enjoyed a broad technical programme, which commenced with a keynote lecture by Professor John Atkinson of City University, London. His lecture on common geotechnical rules of thumb and how to classify them neatly set the scene for the two days of technical sessions. Associate Professor Misko Cubrinovski from the University of Canterbury commenced the second day with an invited lecture on assessment of the seismic performance of soil-structure systems. A total of 30 technical papers were delivered with several more presented as posters.

The evening of the first day saw 140 symposium attendees and invited guests gather at the Royal New Zealand Yacht Squadron to celebrate the 50th anniversary of our society. Peter Riley performed an admirable job as MC for the evening, during which we heard from Rodney Hutchinson and Geoff Farquhar on behalf of the Management Committee, Peter Geddes on behalf of IPENZ and Professor Pender on the past and future of geotechnical engineering in New Zealand.

The Symposium concluded with a trip to the Northern Gateway motorway extension site, where the delegates got to see first hand the huge cuts, fills, bridges and tunnels of this world class project. The highlight for many was the walk through the southbound Johnstones Hill tunnel.

Some 60 people attended a pre-symposium workshop on the draft NZ Geotechnical Seismic Design Guidelines. Some lively debate occurred at times, and valuable insights were given into the origin of some of the tools we use, and into the different language of geotechnical and structural engineers.

#### IAEG 2010 – GEOLOGICALLY ACTIVE!

Planning is well underway for the 11th Congress of the International Association for Engineering Geology and the Environment (IAEG), in Auckland in 2010. IAEG 2010 is proudly hosted by the New Zealand Geotechnical Society Inc. (NZGS) and will be a five-day congress including a day of field trips mid-week, preceded by meetings of the IAEG Executive, Council and presentations for the Richard Wolters Prize. While Geologically Active is the principal Congress theme, the five sub-themes that will recur throughout the week are:

- geohazards on at the leading edge, focussing on identification and evaluation of natural hazards;
- managing geological risk, focussing on approaches to hazard mitigation around the world;
- advances in engineering geology, addressing state of the practice;
- applied engineering geology, examining the interaction of geology, water and structures; and
- evolving engineering geology, bridging the gap between scientists, engineers and non-practitioners into the future.

The themes of IAEG2010 extend beyond engineering geology and the congress aims, at least in part, to link engineering geology with geotechnical engineering and bridge the gap between science and practise. The congress and post-congress field trips will introduce delegates to the active geological environment and outstanding landscapes of New Zealand. The call for abstracts is open. See [www.iaeg2010.com](http://www.iaeg2010.com) for more information.

John P. Carter  
ISSMGE VP Australasia

Michael C.R. Davies  
ISSMGE Liaison for New Zealand  
June 2009

#### EUROPEAN REGION – R. FRANK

This report covers the period from June 2007 to May 2009. It is my second report, as VP for Europe, for the ISSMGE Council. The first one, for the ISSMGE Council meeting in Brisbane, 21st October 2007, covered the period just after the 16th ICSMGE Conference held in Osaka, that is from September 2005 to May 2007.

The European region of ISSMGE includes 35 Member Societies. 34 were already members at the Osaka conference. In May 2007, the Georgian Society has become the 35th Member.

The activities of the Member Societies in Europe have remained numerous and of varied nature. In this report, I try to give, through my personal activity as VP for Europe, the best possible overall picture. Nevertheless, this report cannot be taken as the full and complete report on all the European activities.

In the period, I have presented 2 (progress) reports of ISSMGE activities in the European Region at the Board meetings:

- period May 2007 to May 2008, Board meeting St Petersburg, 15 June 2008;
- period May 2008 to December 2008 Board Meeting Bangalore, 19 December 2008.

The present report contains the following sections.

#### Contents

- 1) Interaction with Member Societies in Europe
- 2) National Conferences and events
- 3) European Regional Conferences (EYGECs, ECSMGE, Baltic Sea and Danube)
- 4) Other International Conferences in Europe
- 5) European Technical Committees
- 6) ISSMGE International Seminars in Europe (formerly called 'Touring Lectures')
- 7) ISSMGE Bulletin
- 8) Concerns, actions to be implemented
- 9) Summary and conclusions

Annex: Activities/News from some European Member Societies

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#### 1) Interaction with Member Societies in Europe

A number of meetings with representatives of the Board, or individual members, of Member Societies of Europe took place during the period. The items which were discussed usually included: membership, national activities, links with neighbouring countries, links with other countries, participation to ETCs, ITCs and JTCs, participation to European Conferences (ECSMGE, EYGEC, Baltic Sea and European-Danube conferences), participation to the 17th ICSMGE in Alexandria, October 2009, participation to other international events in Europe, other links with ISSMGE, ISSMGE International Seminars, the issue of FedIGS (Federation with Sister Societies, IAEG and ISRM).

In the period, discussions were thus held with representatives of the following Member Societies: Albania, Belgium, Croatia, Czech and Slovak, France, Greece, Hungary, Poland, Portugal, Romania, Spain and Russia.

The three following meetings involved several Member Societies:

25/9/2007, Madrid: meeting of the Representatives of the European Member Societies of ISSMGE

The minutes, drafted by the Secretary General of ISSMGE, have been published in the post conference volume from the 14 ECSMGE, Madrid, 24-27 September 2007 – see below.

15/9/2008, Gdańsk: meeting of the Representatives of the Baltic Sea Member Societies of ISSMGE

- see below, under 11th Baltic Sea Geotechnical Conference, Gdańsk, 15-18 September 2008.

4/3/2009, Stockholm: meeting with Nordic Member Societies  
The meeting, hosted by the Swedish Geotechnical Society, involved the representatives of the Boards of the Member Societies of Denmark, Finland, Iceland, Norway and Sweden. The President of ISSMGE, P. Sêco e Pinto, also attended. The evaluation of the activity of the TCs, as well as the problem of "overlapping" of the Nordic and Baltic-Sea conferences were also discussed.

#### 2) National Conferences and events

The national conferences or events in which, as VP for Europe, I could participate in are the following. Many other national conferences or events obviously also took place during the period - see, for instance, in the Annex, the reports of the Member Societies of Albania, Czech and Slovak, Germany, Greece, Hungary, Netherlands, Poland, Spain and Ukraine.

##### National Conferences

XI Congresso Nacional de Geotecnia and IV Congresso Luso-Brasileiro de Geotecnia, Coimbra & 1st Victor De Mello Lecture, 7-11 April 2008

The 11th National Conference of Geotechnical Engineering of Portugal and the 4th Portugal-Brazil Conference on Geotechnical Engineering took place jointly in Coimbra (Portugal) from 7th to 11th April 2008. There were around 400 participants in total (of which 70 came from Brazil). The proceedings include 5 Volumes, plus a CD. At the occasion of these joint conferences, John Burland delivered the 1st Victor de Mello Lecture. The subject was: "Reflections on Victor de Mello, friend, engineer and philosopher" (see also ISSMGE Bulletin, Vol.2, Issue 3, September 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=486>).

30th Foundation Day, Swedish Geotechnical Society, Stockholm, 5th March 2009

The Swedish Geotechnical Society celebrated the 30th edition of its "Foundation Day" on 5th March 2009. The program included 4 sessions with some 12 scientific presentations from Swedish and foreign geotechnical engineers. There were 650 participants and 55 exhibitors. The hard copy proceedings include the papers in Swedish or English.

Gersevanov Lectures, Moscow, 15th April 2009

The Gersevanov Lectures, organised by the Russian Society for Soil Mechanics and Foundation Engineering (RSSMFE), had the form of an international seminar with presentations by B.A. Ilyichev, E.N. Bellendir, J. Powell, T. Lunne, Y. K. Zaretskii, Z.G. Ter-Martirosian and R. Frank. A hundred people attended. Simultaneous translation was available from Russian to English and vice versa. The written contributions will be published in both Russian and English in the Journal: *Osnovaniya, Fundamenty i Mekhanika Gruntov* (Soil Mechanics and Foundation Engineering, Springer New-York)

Other international events organised by ISSMGE Member Societies

14th Széchy Károly memorial session (including lecture by R. Frank), Budapest, 8th February 2008.

15th Széchy Károly memorial session (including lecture by R. Katzenbach), Budapest, 6th February 2009.

8th Nonveiller Lecture, Zagreb (delivered by R. Frank), 7th March 2008.

International Symposium on Ground Anchorages, Brussels, 14th May 2008 (with a 3 volume proceedings + CD, including the Limelette test field results).

3) European Regional Conferences (EYGECs, ECSMGE, Baltic Sea and Danube)

European calendar:

if ICSMGE takes place in year Y (e.g. 16th ICSMGE, Osaka in 2005; 17th ICSMGE in Alexandria in 2009), then in:

Y+1 is the Danube European Conference (XIII DECCE, Ljubljana in May 2006; XIV DECCE, Bratislava, 2010)

Y+2 is the European CSMGE (XIV ECSMGE, Madrid, September 2007; XV European Conference, Athens, 2011)

Y+3 is the Baltic Conference (XI Baltic Sea Conf, Gdańsk, 15-17 September 2008; XII Baltic Sea Conference, Germany, 2012)

Y+1, Y+2 and Y+3 are the European Young geotechnical Engineers' Conference (17th EYGEC in Zagreb, July 2006; 18th EYGEC in Ancona, June 2007; 19th EYGEC in Győr, 4-6 September 2008).

Y+4 is the ICSMGE, together with iYEGC (17th ICSMGE and 4iYEGC'0 in Alexandria, October 2009).

#### Conferences held during the period

18th European Young Geotechnical Engineers' Conference (18EYGEC), Ancona, 17-20 June 2007

The 18th EYGEC took place in Ancona, Italy (organisers Evelina Fratallocchi and AGI). There were 50 presentations of young geotechnical engineers, from 29 Member Societies, as well as 4 keynote lectures (by P. Sêco e Pinto, W. Van Impe, M. Jamiolkowski and R. Frank). The CD distributed includes all the written contributions (4 lectures and 50 papers).

(for more details, see ISSMGE Bulletin, Vol. 1, Issue 3, September 2007

<http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=461>)

14 ECSMGE, 14th European conference on Soil Mechanics and Geotechnical Engineering, Madrid, 24-27 September 2007

The Spanish capital city hosted the 14th European Conference of ISSMGE from 24th to 27th September (35 years after hosting the 5th edition in 1972). It was hosted and organised by Sociedad Española de Mecánica del Suelo e Ingeniería Geotécnica (SEMSIG, Spanish Society for Soil Mechanics and Geotechnical Engineering). The President of the organising Committee was Vicente Cuellar and the Secretary was Enrique Dapena. The theme of the conference was "Geotechnical Engineering in Urban Environments".

820 delegates, from 34 European countries and from 15 countries of other continents, as well as 64 accompanying persons, were registered. 51 exhibitors from 10 different countries participated in the Technical Exhibition.

The 4 volume proceedings distributed at the conference, representing 2700 pages, contain more than 370 contributions. A special volume with 55 contributions on Spanish geotechnical engineering has also been prepared. The post conference volume of the proceedings has been distributed in May 2009. (for more details, see ISSMGE Bulletin, Vol. 1, Issue 4, December 2007;

<http://www.issmge.org/home/page.asp?sid=296&mid=2&PageId=46358> ).

During the meeting of the European member Societies of ISSMGE held in Madrid, Athens was chosen for hosting the next European Conference of ISSMGE, in September 2011.

Session Spirit of Krebs Ovesen- Challenges in Geotechnical Engineering, Madrid, 23/9/2007

At the occasion of the 14th ECSMGE in Madrid, a Session in the Spirit of Niels Krebs Ovesen was organised by Jørgen Steenfelt, the Danish Geotechnical Society, ETC 10 and TC 23. It was co-chaired by R. Frank (VP for Europe) and Y. Honjo (Chairman of TC 23 on Limit State Design) and included contributions by K. Ostenfeld et al., P. Day, F. Barends, T. Orr, S. Springman and B. Simpson. The Proceedings have been published as a special issue of the DGS Bulletin (dgs-Bulletin 23, Editor: J. Steenfelt, November 2008).

19th European Young Geotechnical Engineers' Conference (19EYGEC), Győr, 4-6 September 2008

The 19th EYGEC took place at the Széchenyi István University in Győr (organisers: Péter Scharle and the Hungarian National Committee of ISSMGE). There were some 42 presentations of young geotechnical engineers, from 22 Member Societies, as well as 4 keynote lectures (by R. Ray, P. Scharle, P. Sêco e Pinto, and R. Frank) (for more details, see ISSMGE Bulletin, Vol.2, Issue 4, December 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=496> ).

11th Baltic Sea Geotechnical Conference, Gdańsk, 15-18 September 2008 <http://www.11bc.pg.gda.pl>

The 11th Baltic Sea Geotechnical Conference took place in Gdańsk on 15-18 September 2008, at the Gdańsk University of Technology (organisers: Zbigniew Sikora of GUT, Zbigniew Mlynarek, immediate past President and Zbigniew Lechowicz, present President of the Polish Committee on Geotechnics). The theme of the Conference was: "Geotechnics in maritime engineering". They were 280 participants coming from 30 countries of Europe and other continents (Brazil, Japan and USA). The Proceedings (book as well as CD) contain 124 written contributions. For more details, see report from the Polish Committee on Geotechnics in the Annex and ISSMGE Bulletin, Vol.2, Issue 4, December 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=496>).

During the meeting of the Representatives of the Baltic Sea ISSMGE Societies held in Gdańsk, on 15th September, the decision was taken to hold the 12th Baltic Sea Geotechnical Conference in 2012 in Germany, hosted by DGGT. It was also noted that the clockwise order of countries bordering the Baltic Sea were Poland, Germany, Denmark, Norway, Sweden, Finland, Russia, Estonia, Latvia and Lithuania, and that this could determine the sequence of the Baltic Sea Geotechnical Conferences.

#### Regional Conferences under preparation

14th Danube-European Conference (14 DECCE), Bratislava, June 2010 <http://www.decce2010.sk>

The invitation by the Czech and Slovak Committee to host the next DECCE in Bratislava, in June 2010, was accepted during the 13th Conference (Ljubljana, May 2006). The 1st meeting of the Conference Advisory Committee took place in Győr on 5th September 2008 (at the occasion of the 19th

EYGEC). In particular, the decision was taken to hold the 20th EYGEC (2010) in Brno at a period very near to the 14th DECGE, in order to encourage young geotechnical engineers to attend both Conferences. The 2nd meeting of the Conference Advisory Committee is planned in Bratislava on 1st June 2009. Bulletin No.1 has been issued; the deadline for the abstracts is 30 September 2009.

XV European Conference SMGE, Athens, 2011  
<http://addon.webforum.com/issmge/view.asp?EventID=1583&Lang=>

The Hellenic Society SMGE will host the next European Conference SMGE in 2011, in Athens. The decision was taken during the meeting of the European Member Societies held in Madrid on 25th September 2007. A meeting of the Organising Committee was held in Athens on 10th July 2008. A second meeting is planned in Alexandria, at the occasion of the 17th ICSMGE.

#### 4) Other International Conferences in Europe

<http://www.4icege.org/home.htm>

The 4th International Conference Earthquake Geotechnical Engineering (4th ICEGE) was held in Thessaloniki from 25 to 28 June 2007. The Chairman of 4ICEGE was Kyriazis Pitilakis. It was organised by Aristotle University of Thessaloniki, ISSMGE (TC 4, General Secretaries: A. Ansal and T. Kokusho) and the Hellenic Society SMGE. The President of ISSMGE P. Sêco e Pinto (member of the Steering Committee) and VP for Europe also participated (for more details, see ISSMGE Bulletin, Vol. 1, Issue 3, September 2007: <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=461>).

1st Middle European Conference on Landfill Technology, Budapest, 6-8 February, 2008

<http://addon.webforum.com/issmge/view.asp?EventID=1547&Lang=>

The conference took place at the Hungarian Academy of Sciences in Budapest. It was organised by the Technical Committee on Geotechnics of Landfills of the DGGT (German Geotechnical Society) and the Hungarian National Committee (HNC) of the ISSMGE and was chaired by Karl-Josef Witt and Hans-Günter Ramke for DGGT and by Gábor Telekes and Emöke Imre for the HNC. The topics were: General aspects in Middle Europe, Geological Barriers and Bottom Liner Systems, Bottom and Surface Drainage Systems, Stability and Deformation of Landfill Bodies, Hydrology and Hydraulics of Landfill Bodies, Capping Systems and Aftercare, Landfill Gas Collection and Utilisation, Selected Topics of Landfill Closure. Each session started with a keynote lecture, followed by 4 to 6 paper presentations. The conference was held with 81 participants from 17 countries. The proceedings containing 500 pages is in press.

1<sup>st</sup> International Conference on Education and Training in Geo-Engineering Sciences (1st ICETGES), Constantza, 2-4 June 2008

The 1st ICETGES (First International Conference on Education and Training in Geo-Engineering Sciences: Soil Mechanics and Geotechnical Engineering, Engineering Geology, Rock Mechanics) was organised and hosted by the Romanian Society SMGE in Constantza, on 2-4 June 2008 (Chairman of the Organising Committee: Iacint Manoliu). JTC 3 "Education and training in Geo-Engineering Sciences" of FedIGS (Federation of the 3 Sister Societies: ISSMGE, IAEG and ISRM) and ETC 16 "Education and training in geotechnical

engineering" (see below) were also actively involved. There were 120 participants of 23 countries from the 6 ISSMGE regions. The program included 14 invited lectures from members of the 3 Sister Societies (J.Burland, R.Oliveira, J.Atkinson, M.Jaska, G.Barla, L.Van Rooy, N.Rengers, T.Orr, I.May, L.G. de Vallejo, K.Turner, F.Barends, W.Hachich and M.Devrient), as well as 24 presentations during six discussion sessions.

CRC Press/ Balkema published the Proceedings of the Conference in a volume of 525 pages. Editors are I. Manoliu and N. Radulescu. (for more details, see ISSMGE Bulletin, Vol.2, Issue 3, September 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=486>).

International Conference on "The development of Urban Areas and Geotechnical Engineering", St Petersburg, 16-19 June 2008

The International Conference on "The development of Urban Areas and Geotechnical Engineering" was held at the St Petersburg State Transport University from 16 to 19 June 2008, organised by the North-West branch of the Russian Society for Soil Mechanics, Geotechnics and Foundation Engineering and NPO "Georeconstruction-Fundamentproject" (organisers: V.M. Ulitsky, A.G. Shashkin and M.B. Lisyuk). 4 Technical Committees of ISSMGE were also involved, i.e. TC 38 "Soil-Structure Interaction", TC 41 "Geotechnical Infrastructure for Mega Cities and New Capitals", TC 4 "Earthquake and Geotechnical Engineering and Associated Problems" and TC 32 "Engineering practice of Risk Assessment and Management". There were 450 participants from 45 countries of 4 continents. The first day was devoted to invited lectures (V.M. Ulitsky & A.G. Shashkin, P. Sêco e Pinto), followed by two days organised in 6 Sessions. The Proceedings of the Conference (4 volumes) contain 199 written contributions. They are available through the website of the Swedish Geotechnical Society, SGI on-line (for more details, see ISSMGE Bulletin, Vol.2, Issue 3, September 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=486>).

1st European Conference on Unsaturated Soils (E-UNSAT, 2008), Durham, UK, 2-4 July 2008

The First European Conference on Unsaturated Soils, under the auspices of TC 6 "Unsaturated Soils", took place at Durham University, on 2-4 July 2008 (organisers: David Toll & Charles Augarde of Durham University, as well as Domenico Gallipoli & Simon Wheeler of University of Glasgow). There were 155 participants from 29 countries. The program included 4 keynote lectures (E. Alonso, P. Delage, A. Gens and L. Laloui). The Proceedings of the Conference contain 136 written contributions (for more details, see ISSMGE Bulletin, Vol.2, Issue 3, September 2008; <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=486>).

5) European Regional Technical Committees (ETC 3, 7, 10, 12 and 16)

General: ETC 3, ETC 7, ETC 10 and ETC 12 have been renewed for the period 2006-2009. ETC 16 on Education has been created in 2007. The following paragraphs are copied from the report of the Chairman or Secretary of the corresponding ETC.

ETC 3 "Piles foundations", Chairman: Maurice Bottiau (Belgium), Secretary: Noël Huybrechts (Belgium).

ETC 3 held meetings on 26th September 2007 in Madrid, at the occasion of the XIVth ECSMGE, and on 17th January and 24th June 2008 in Brussels. ETC 3 has distributed some design exercises amongst its members in order to have a view on different national design approaches of piles in Eurocode 7 framework. Interaction with ETC 10 ("Evaluation of Eurocode 7") is initiated. Besides, an enquiry with regard to the actual situation of the National Annexes of Eurocode 7 has been launched amongst its members. More information is available on the ETC 3 website [www.bbri.be/go/ETC3](http://www.bbri.be/go/ETC3) that has been established. The main objective of ETC 3 is to organise an international conference similar to the 1997 ETC 3 conference in Brussels. At this occasion it would be the objective to publish a document containing an overview of the different national approaches for pile design in Europe according to the Eurocode 7. Taking into account the timing of the national normalisation activities, it seemed however too early to organise such an ambitious event in 2009. It is the wish of the ETC 3 committee to continue its activities under the new presidency after the ICSMGE in Alexandria, and then to organise such a useful and necessary event in the beginning of 2011.

ETC 7 "Numerical methods in geotechnical engineering", Chairman: Cesar Sagaseta (Spain)

A workshop was organised in the XIVth ECSMGE in Madrid, September 2007. It was attended by 30-40 participants. The program included 6 presentations, as well as a short floor discussion. It has been included in the Post-Conference Volume of the Proceedings, still in press, and planned to be distributed in May 2009.

The 7th NUMGE Conference has been scheduled in Trondheim (Norway) in 2-4 June 2010, chaired by Prof. S. Nordal. The Preliminary Announcement brochure was distributed in September 2007. Bulletin 2 has been released. A web page has been allocated on: [www.ivt.ntnu.no/numge2010/](http://www.ivt.ntnu.no/numge2010/). Deadline for abstract submission is June 1st 2009.

ETC 10 "Evaluation of Eurocode 7", Chairman: Trevor Orr (Ireland), Vice-Chairman: Andrew Bond (UK). (website: [www.tcd.ie/civileng/research/geotechnical/etc10.php](http://www.tcd.ie/civileng/research/geotechnical/etc10.php)).

A report on the current activities of ETC 10 was presented at the SC7 meeting in Munich in June 2009. This report included information about a set of new Eurocode 7 design examples to evaluate Eurocode 7 by starting from test results rather than from given characteristic parameter values. The preparation of these examples has been carried out in collaboration with the Eurocode 7 Maintenance Group (EC7-MG). They have been put on the Eurocode 7 website at [www.eurocode7.com/etc10](http://www.eurocode7.com/etc10), which has been set up by A. Bond, and the questionnaires that accompany them can be completed on-line. It is then hoped to have some preliminary results of this exercise to report at the International Conference in Alexandria. It is then planned to present the findings from these new examples at a conference on the Implementation of Eurocode 7 to be held in Dublin in 2010. The members of ETC 10 and the EC7-MG have also prepared a paper on Eurocode 7 for the 2nd International Symposium on Geotechnical Safety and Risk being organised by TC 23 in Gifu, Japan in June 2009 and a paper on the implementation of Eurocode 7 for the Alexandria Conference. Furthermore, ETC 10 was strongly involved in the ISSMGE International Seminar, hosted by the Macedonian Association for Geotechnics, in Struga in October 2008 – see below under Section 6.

ETC 12 "Evaluation of Eurocode 8", Chairman: Michele Maugeri (Italy) from 2006, Secretary: Diego Lo Presti (Italy)

After the meeting of Reggio Calabria on 7th July 2008, at the occasion of MERCEA 08 Conference (2008 Seismic Engineering Conference commemorating the 1908 Messina and Reggio Calabria Earthquake), a meeting of the Italian Task Force was held in Catania on March 18, 2009. During the meeting, was highlighted the new advancement of the New Technical Code by the Italian Ministry of Public Works published on 14 January, 2008. The New Italian Technical Code is in some aspects (slopes, pile foundations and retaining walls) innovating the EC 8. The Italian task force in the framework of the research: "Analysis of the behaviour of slopes, foundations, excavations and tunnels in seismic conditions: calibration of simplified methods on the basis of the results obtained by physical and numerical modelling; contribution to the "maintenance" of existing National and European (EC 8) codes", coordinated by M. Maugeri, decided to write a book supporting the Italian innovative aspects with respect to EC 8. It should be published by the end of 2009.

A final workshop of ETC 12 members will be held in November 2009. In particular a presentation will be made of new topics (reinforced geosynthetics wall, vulnerability assessment and seismic risk evaluation of Lifelines Systems and Infrastructures). The proceedings of the workshop will be published on CD Rom in January 2010.

ETC 16 "Education and Training in Geotechnical Engineering", Chairman : Iacint Manoliu (Romania)

This new ETC was founded in April 2007. Prof. Iacint Manoliu accepted to chair ETC 16. Core members were nominated, mainly among members of the EUCEET network (EUropean Civil Engineering Education and Training network, funded since several years by the European Commission). National Societies also recommended other professors for joining ETC 16. At present, ETC 16 numbers 17 members. The first meeting of ETC 16 took place on 26th September 2007 in Madrid, during the XIV ECSMGE (it was attended by 9 members). From that moment, ETC 16 was actively involved, joining forces with the JTC 3 "Education and Training in Geo-Engineering Sciences" of FedIGS, chaired by Prof. Luis Gonzalez de Vallejo, in the preparations for the 1st International Conference on Education and Training in Geo-engineering Sciences: Soil Mechanics and Geotechnical Engineering, Engineering Geology, Rock Mechanics, which was a great success - see above, under Section 4.

On 1st June 2008 took place in Constantza a joint meeting of the ETC 16 and JTC 3, attended by 10 of the 17 members of ETC 16. The next meeting of ETC 16 is planned during the ICSMGE in Alexandria in October 2009.

6) ISSMGE International Seminars in Europe (formerly called 'Touring Lectures')

During the previous period the two following International Seminars took place in Europe- see report of VP Europe for the Brisbane Council meeting:

Tirana, Albania, 19-21 April 2007, on "Embankment Dam Engineering" (for more details, see ISSMGE Bulletin, Vol. 1, Issue 2, June 2007

<http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=447>);

Cavtat-Dubrovnik, Croatia, 17-20 May 2007, on "Implementation of Eurocode 7 on Geotechnical design" (for more details, see ISSMGE Bulletin, Vol. 1, Issue 3, September 2007 <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=461>).

During the period, two other ISSMGE International Seminars took place.

Struga, Lake Ohrid region, FYROMacedonia, 30-31 October 2008 on “Eurocode 7 and Geotechnical Aspects of Eurocode 8”

The ISSMGE Seminar in Struga, Lake Ohrid region, was organised at the initiative of Prof. Vasil Vitanov, President of the Macedonian Association for Geotechnics. The subject was “Eurocode 7 and Geotechnical Aspects of Eurocode 8”. There were around 160 participants from FYROM, Serbia, Albania, Montenegro, Croatia, Bosnia-Herzegovina and Spain. The invited lecturers were P. Sêco e Pinto (Portugal), R. Frank (France), B. Schuppener (Germany), T. Orr (Ireland), B. Simpson (UK) and V. Šešov (FYROM) (for more details, see ISSMGE Bulletin, Vol.3, Issue 1, March 2009: <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=506> ).

Budapest, 4-5 February 2009, on “Deep excavations and retaining structures”

The Seminar in Budapest was organised by the Hungarian National Committee of ISSMGE. The subject was “Deep excavations and retaining structures”. The Seminar attracted more than 120 participants from 8 countries. The invited lecturers were R. Frank (France), R. P. Ray (USA), H. F. Schweiger (Austria), L. Zdravkovic and D. M. Potts (UK), R. Szepesházi, J. Farkas and Z. Czup, T. Kaltenbacher and C. Pető (Hungary). A 200-page proceedings has been edited by A. Mahler and L. Nagy (for more details, see ISSMGE Bulletin, Vol.3, Issue 1, March 2009: <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=506> ).

#### 7) ISSMGE Bulletin

The regional correspondent for ISSMGE Bulletin (coordinator for Europe) will be Dr Erdin Ibraim, University of Bristol, UK. He will work under the supervision of Prof Osamu Kusakabe and Dr Pongsakorn Punrattanasin – see ISSMGE Bulletin, Vol.3, Issue 1, March 2009: <http://www.issmge.org/home/page.asp?sid=296&mid=2&Id=506>.

#### 8) Concerns, actions to be implemented

The following concerns are the most frequent ones among European Member Societies:

- how to attract more young geotechnical engineers in ISSMGE and to have them interested in its activities?
- how to have papers in ISSMGE Conferences considered in the academic evaluations?
- how can ISSMGE contribute to give a good/better image of the profession of geotechnical engineering in the broad public and political opinions?
- how to assess and evaluate the work of the ETCs and TCs of ISSMGE?

#### 9) Summary and conclusions

During the period from June 2007 to May 2009, the activities in Europe have remained numerous and varied.

They included many national conferences and other events, as well as two major European conferences which were the XIV European Conference SMGE in Madrid, September 2007, with the theme “Geotechnical engineering in urban environment” and the XI Baltic Sea Geotechnical Conference in Gdańsk, September 2008, with the theme “Geotechnics in

maritime engineering”. They were both very successful, at the level of the best possible expectations! Successful Young European Geotechnical Engineers’ Conferences and ISSMGE International Seminars also took place, regularly, as scheduled. The International Conferences in Thessaloniki, Constantza, St Petersburg and the European Conference in Durham should also be noted. I take this occasion to thank again warmly all the geotechnical engineers who hosted, prepared or attended these events.

The work of the five European Technical Committees (ETCs) which are currently in operation is also acknowledged.

The National Committees (Member Societies) of ISSMGE, which are the indispensable starting point, and all their individual members, are deeply thanked for their continuous work, for their devotion, their involvement and their spirit of cooperation at European and International levels. They make the life of our ISSMGE.

An intensive activity has been devoted in Europe for the preparation of the 17th ICSMGE in Alexandria, 5-9 October 2009, in order to contribute to make it a great success!

The elected VP of ISSMGE for Europe for 2009-2013 is Professor Ivan Vanicek, Present Chairman of Czech and Slovak Committee of SMGE. I wish to Professor Ivan Vanicek the best success in the fascinating task which is expecting him.

30th May 2009

Roger Frank

ISSMGE VP for Europe

ANNEX: Activities/News from some European Member Societies

- Albania
- Czech and Slovak
- Germany
- Greece (Hellenic) Society
- Hungary
- Netherlands
- Spain
- Poland
- Ukraine

ANNEX: Activities/News from some European Member Societies

#### ALBANIAN GEOTECHNICAL SOCIETY

(e-mail message from President Luljeta Bozo, April 2009)

Dear Roger!

I write about the activities of AGS in period 2005-2009:

- AGS had organized together with ISSMGE Touring Lectures with themes “Embankment Dam Engineering” in 19-20 April 2007.

- In collaboration with Geotechnical Department of Civil Engineering Faculty has prepared the plan and all the programs for the preparation of geotechnical engineers in second cycle of Bologna process.

- Member of AGS are prepared micro thesis for the Master of Science (two members) and one thesis for Doctor of Science.



- From AGS's member were published 8 books for students and civil engineers (Soil Mechanics, Foundations, Geotechnics for architecture, branch and environmental engineers etc).

- Member of AGS has participated with their papers every year in different activities of ISSMGE (Slovenia, UK, USA, Russia, Romania, Poland, Venezuela, Greece, Spain, Austria, Belgium, Germany, France, etc)

- In collaboration of Geotechnical Department was prepared all documentation for the start of the III cycle of Doctor's School, in the field of geotechnics.

For the future AGS think the main problems will be:

- Organization of Balkan activities in the field of Geoenvironment

- The rapid qualification of young geotechnical engineers

- More support for the common projects in the geotechnical field.

- Full implementation of Euro-codes in our countries.

- More support for the young geotechnical specialist by different workshops, seminars, programs for different calculation in the University in geotechnical field.

- More collaboration between academics and engineers.

For the AGS

Prof. Luljeta BOZO (President of AGS)

#### CZECH AND SLOVAK NATIONAL COMMITTEE ISSMGE

(e-mail message from President Ivan Vanicek, May 2009)

The report refers to the period September 2005 – May 2009, it means to all period between Council meetings during International Conferences of ISSMGE.

Each year the following activities are co-organized by CSNC:

a) Prague Geotechnical Days – in May connected with “Prague Geotechnical Lecture” – last four speakers were Profs. R. Frank, F. Barends, C. Tsatsanifos and Z. Eisenstein, with concentration on EC 7, Risk management in Geotechnical Engineering, Significance of Geotechnical Engineering in Protection of Historical Buildings and Tunnel Construction with TBM.

b) Conference “Foundation Engineering” in Brno – beginning of November – where some guests abroad are usually invited. This is activity with longest tradition of 37 years and number of attendees is about 250. It is typical conference where the theory and practical examples are well combined together.

c) Seminar “Field Geotechnical Methods” in Ústí nad Labem with roughly 120 attendees and with concentration on field investigation, testing and monitoring.

For the next year 2010 members of our NC are organizing 2 significant international activities as well:

a) XIVth Danube-European Conference on Geotechnical Engineering – Bratislava – Slovakia – June 2-4 with main theme: “From research to design in European practice”.

b) 20th EYGEC – in Brno – Czech Republic – May 31st – June 1st – and young engineers attending this conference will be invited to Bratislava as well.

CSNC has regular yearly meetings, where information about individual activities is presented there together with report of individual members working in different TCs or ETCs. During last 2 years the discussion is connected also with society statutes, to be more open and attractive for new, especially young members.

Prof. Ivan Vanicek, chairman of the CSNC ISSMGE

#### GERMAN GEOTECHNICAL SOCIETY (DGGT)

(e-mail message from Kirsten Laackmann Managing Director, May 2009)

German Report for the ISSMGE Council Meeting in Alexandria, 4th October 2009

German Geotechnical Society (DGGT) (Deutsche Gesellschaft für Geotechnik e.V.)

The principal office bearers are:

Chairman: Prof. Dr.-Ing. E.h. Manfred Nußbaumer M.Sc.

Vice Chairman: Prof. Dr.-Ing. Georg Heerten

Managing Director: Ms. Dr. rer. nat. Kirsten Laackmann

The society counts with 1931 members. This number is made up by 1816 ordinary members, 97 extraordinary members (companies) and 18 promoting institutes. The national German group of the ISSMGE has 648 members.

National conferences (2007 - 2009):

Our largest and most well-known conference, the 30th Conference on Geotechnical Engineering (30. Baugrundtagung), was carried out in Dortmund, September 24 - 27, 2008.

The topics of the conference were:

- Special underground construction
- Tunneling
- Soil mechanics
- Infrastructure
- Research, development and innovation, geothermics
- Legal issues, cases of damage
- International contributions

The conference was preceded by a special session for young geotechnical engineers. An exhibition with 69 exhibitors, presenting their products and know-how, took place during the conference. Besides the conference lectures, two technical excursions were offered to the participants. Accompanying persons had their own programme. And by tradition, there was a gala dinner. The conference was well organized and had a high standard, being attended by about 1000 persons.

Seminars and conferences (2007 - 2009):

1st Middle European Conference on Landfill Technology, February 6 – 7, 2008

organized by TC on Geotechnics of Landfills of our society and the Hungarian National Committee of the ISSMGE

The periodical journal of the DGGT is the “Geotechnik” with 4 issues each year.

Between 2007 - 2009 the German working groups published 4 recommendations and the DGGT published 3 pocket books

on tunnelling (Tunnelbautaschenbuch) and 6 conference proceedings.

In the field of soil mechanics and geotechnical engineering, the biennial conference venues have been decided until 2014. The 31st Baugrundtagung will take place in München, 3 - 5 November 2010 and the 32nd Baugrundtagung in Mainz, 26 - 28 September 2012.

The 33rd Baugrundtagung in Berlin, 24 – 27 September 2014 will presumably be held in conjunction with the 10th International Conference on Geosynthetics.

In 2012 the DGGT will organize the XIIth Baltic Sea Geotechnical Conference in the northern part of Germany, in a city on the Baltic Sea Coast.

## HELLENIC SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

(e-mail message from President Christos Tsatsanifos, March 2009)

The activities of the Hellenic Society for Soil Mechanics and Geotechnical Engineering since the last Council Meeting of the ISSMGE at Osaka, Japan, on the 11th September 2005 are described hereafter:

### EVENTS

#### 2005

11-12 October 2005: 1st Greek – Japan Workshop “Seismic Design, Observation, Retrofit of Foundations”, Athens.

7th November 2005: Lecture “The new base tunnels in the Alps”, by Prof. Pavlos Marinos, National technical University of Athens, Athens.

5th December 2005: Day meeting “Soil Contamination: Prevention and Rehabilitation”, Athens.

#### 2006

21st January 2006: 4th Athenian Lecture on Geotechnical Engineering “Enhanced seismic design of shallow foundations: example of the Rion – Antirion bridge”, by Prof. Alain Pecker, Ecole Nationale des Ponts et Chaussées, Athens.

13th March 2006: Lecture “Application of Geographical Information Systems in Geotechnical Engineering”, by Dr. Andreas Antoniou (series of lectures of young geotechnical engineers), Athens.

Lecture “Simplified Analysis for the Estimation of Permanent Deformations in Slopes due to Earthquakes”, by Dr. George Chlimintzas (series of lectures of young geotechnical engineers), Athens.

31st May – 2nd June 2006: 5th Hellenic Conference on Geotechnical and Geoenvironmental Engineering, Xanthi. 560 participants, 227 papers, opening lecture (Prof. Christos Vrettos) and 12 invited lectures. Special session on Geotechnical Engineering Education and Practice in South Eastern Europe (invited representatives from Albania, Bulgaria, Croatia, Cyprus, Romania, Serbia, Slovenia).

16th June 2006: General Assembly of the HSSMGE. The following amendments to the statutes of the society were approved: 1. The name of the society was changed from HELLENIC SOCIETY FOR SOIL MECHANICS AND FOUNDATION ENGINEERING to HELLENIC SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING.

ING. 2. The members of the society can vote for the election of the Executive Committee through mail.

14th September 2006: Lecture “Tunnelling and Geotechnics – New Horizons” (2006 Rankine Lecture), by Prof. Robert Mair, Cambridge University, Athens.

11th December 2006: Lecture “Soil Dynamics Modelling for the Seismic Analysis of Bridges”, by Dr. Prodromos Psarropoulos (series of lectures of young geotechnical engineers), Athens.

Lecture “Centrifuge and numerical modelling of dense non-aqueous phase liquid contaminants migration”, by Dr. Helena Coumoulos (series of lectures of young geotechnical engineers), Athens.

19th December 2006: Lecture “Investigation of the behaviour of the New Orleans flood protection systems during the “Katrina” hurricane 29th August 2005”, by Ada Athanasopoulou, Berkeley research student, Athens.

#### 2007

11th January 2007: Day meeting “Applications of Geosynthetics in Geotechnical Engineering”, Athens.

1st February 2007: Day meeting “New Advanced Methods for Mechanised Tunnelling”, Athens.

17th April 2007: Lecture “Soil – Environment Interactions in Geotechnical Engineering” (2007 Rankine Lecture), by Prof. Antonio Gens, Catalonia Polytechnic. Athens.

15th May 2007: Celebration of the 40 years from the official establishment of the society. Commemorative presents were given to the founding members of the society, the former Presidents of the Executive Committee as well as to the Secretary General, who is serving the society for 26 years. The event was concluded by the lecture “Soil mechanics – Past, Present and Future”, addressed by Mr. Elias Sotiropoulos. Athens.

18th June 2007: Lecture “The Complete Stochastic Deamplification Approach: An Efficient Tool to Describe the Spatial Variability of Earthquake Motion”, by Prof. Mounir Khalel Berrah, Ecole Nationale Polytechnique of Algeria. Athens.

20-22 June 2007: International Conference “Advanced Characterization of Pavement and Soil Engineering Materials”. Athens

25-28 June 2007: 4th International Conference on Earthquake Geotechnical Engineering. Thessaloniki.

11th December 2007: General Assembly of the HSSMGE.

#### 2008

17th March 2008: 5th Athenian Lecture on Geotechnical Engineering “Settlements of Surface Foundations”, by Prof. Andreas Anagnostopoulos, National Technical University of Athens. Athens.

13th May 2008: General Assembly of the HSSMGE. Elections for the Executive Committee and the Audit Committee. The new Executive Committee has as follows:

Dr. Christos Tsatsanifos, President  
Mr. Michael Pachakis, Vice President A'  
Dr. Spyros Cavounidis, Vice President B'  
Prof. Michael Kavvas, General Secretary  
Mr. Emmanuel Vouzas, Treasurer  
Mr. George Doulis, Assistant Treasurer

Prof. Andreas Anagnostopoulos, Member  
 Mr. Panos Vettas, Member  
 Dr. Dimitris Coumoulos, Member  
 Mr. Michael Bardanis, Prof. George Bouckovals and Dr. George Dounias, Reserve Members

15th December 2008: Lecture “New views on the Adrianian aqueduct and its technological relation with elder Hellenic hydraulic structures”, by Dr. Efstathios Chiotis. Athens.

2009

14th January 2009: Lecture “Characterization and Rehabilitation of Contaminated Soils in Greece, by Prof. Marina Pantazidou, National Technical University of Athens and Mrs. Fotini Boura, Deputy Head, Solid Wastes Section, Ministry of Environment, Planning and Public Works. Athens.

26th January 2009: Lecture “New views on the mechanical parameters of rocks”, by Prof. George Tsiambaos, National Technical University of Athens. Athens.

4th February 2009: Lecture “Difficult Tunnel Excavations and Supports in Low to High Overburden Conditions”, by Jean Launay – Vinci Construction. Athens.

18th February 2009: Lecture “The contribution of geology in the design of dams”, by Prof. Pavlos Marinos, National technical University of Athens. Athens.

25th February 2009: Lecture “Earthquake design of big shallow underground structures. Road tunnels, METRO stations, underground parking facilities”, by Prof. Kyriazis Pitilakis, Aristoteles University of Thessaloniki. Athens.

16th March 2009: Lecture “The Implementation of EC7 on German DIN Standards”, by Prof. Norbert Voft, Munich Technical University. Athens.

1st April 2009: Lecture “Seismic Slope Safety Analysis”, by Sarada Sarma, Emeritus Reader Imperial College. Athens.

13th April 2009: Lecture “New methods for the estimation of the earth pressures on retaining structures for gravity and seismic loads”, by Prof. George Mylonakis, Patras University. Athens.

4th and 5th May 2009: Lecture “The Nicoll Highway Collapse, Singapore”, by Prof. David Hight, Imperial College. Athens and Thessaloniki.

3rd June 2009: Lecture “Non linear 3D modelling of the gradual construction, impoundment and seismic response of concrete faced rockfill dams and evaluation of the effect of the significant parameters”, by Prof. Panos Dacoulas, Thessaly University. Athens.

#### EUROCODE EC 7

The translation of the Eurocode 7 (Geotechnical Design – Part 1 : General Rules) as well as the drafting of the Greek National Annex have been concluded by the working group consisting of A. Anagnostopoulos, K. Konstantinidis, M. Kavvadas, E. Michalis, M. Pachakis and V. Papadopoulos. The working group is translating now the 2nd Part (ENV 1997-2) on geotechnical design based on in-situ and laboratory testing.

#### GREEK GEOTECHNICAL INFORMATION DATABASE

The creation of a database with geotechnical information is under organization after proposal by Theodossios Tassios,

Emeritus Prof. of the National Technical University of Athens.

#### BULLETIN

20 issues of the electronic bulletin of the HSSMGE “TA NEA TIS EEEEGM” (THE NEWS OF THE HSSMGE) have been “published” since September 2005. The bulletin is bimonthly (in case of special events it is “published” intermediary), “publishes” papers and provides information to the members of the HSSMGE about national and international geotechnical events.

WEBPAGE: [www.hssmge.gr](http://www.hssmge.gr) (under construction)

HUNGARIAN NATIONAL COMMITTEE OF ISSMGE  
 (e-mail message from Secretary A. Mahler, May 2009)

Dear Roger,

[...]

For the regional report:

We want to emphasize our opinion that the ISSMGE International Seminar is an excellent possibility for us. It makes easier (better to say it makes possible) to present really high quality lectures in a given topic, thereby it increases the activity at the national level”.

Conferences in Hungary:

1. EYGEC2008 (Győr, 3-6 September, 2008)
  - a. delegates from more than 20 member societies
  - b. more than 40 lectures presented by the participants
2. ISSMGE International Seminar on Deep Excavations and Retaining Structures (Budapest, 4-5 February, 2009)
  - a. ~120 participant (5 countries)
  - b. five foreign lecturer, four local presentation

[...]

Best regards,

András

Dr. Mahler András

#### NETHERLANDS SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

(e-mail message from Mandy Korff, May 2009)

Dutch contribution to regional report

The Netherlands Society of Soil Mechanics and Geotechnical Engineering would like to contribute to the regional report for Europe for the Council Meeting in Alexandria.

Some of the main needs of geotechnical engineering in our region include:

- A) the need for more young professionals and engineering students
- B) increasing emphasis on safety in the built environment
- C) risk management and project management of large infrastructural projects.

#### Deltares

As from 1 January, the Dutch National Geotechnical Institute GeoDelft joined forces with the Delft Hydraulics Institute, some research groups of the Ministry of Transport and Water management and part of TNO Built Environment and Geosciences to form a unique combination of knowledge and ex-

perience in the field of water, soil and the subsurface the Deltares Institute. Deltares has continued the sponsorship of ISSMGE. [www.deltares.com](http://www.deltares.com)

#### IJkdijk

The smart dike ("IJkdijk") is the testing ground for the installation and exploitation of complex information flows in water management systems. It makes it possible to provide efficient decision support for the optimisation of disaster response, and the management and maintenance of water systems. The IJkdijk is a unique international test facility where the aim is to develop smart levees, and to integrate and validate dike- and sensor technology.

In 2008 a large scale macrostability experiment has been successfully performed and is currently being analysed. A prediction competition was run in cooperation with TC1. <http://en.wikipedia.org/wiki/IJkdijk>

#### GEO-Impuls

The Dutch Ministry of Public Works started in 2009 a Joint Public – Private Program to decrease failure costs at large infrastructural works by 50% by 2015. Along 5 lines projects will be initiated, ranging from “new knowledge”, “better use of existing knowledge” to “contracts”.

#### Network Delta Technology

In 2007, public and private actors and knowledge centres have joined forces to stimulate innovations in the Netherlands and abroad on the subject of delta technology in the Network Delta Technology. In delta technology, a number of disciplines (geo-engineering, hydro-engineering, water management, ecology and social disciplines) is working together to create a safe and liveable delta environment. Examples of innovations that are in progress at this moment are Building with Nature, in which hydro-engineering and ecology work together to stimulate sustainable coastal development and Flood Control 2015, in which sensor technology and ICT are combined to increase the safety against flooding by providing the right information at the right place at the right time. [www.floodcontrol2015.nl](http://www.floodcontrol2015.nl)

#### ELGIP

The European Large Geo-engineering Institutes Platform (connecting 12 major European Research organizations in geo-engineering) reset their focus in 2009 to the topics of Urbanization and Climate change Mitigation and Adaptation. Information about ELGIP partners and their involvement in European projects is shared on [www.elgip.net](http://www.elgip.net).

The Young ELGIP (YELGIP) network organizes a workshop about Risk Management in the abovementioned topics. The workshop will be open to all geo-engineers and is planned in Madrid in 2010. More information is available on [www.elgip.net](http://www.elgip.net)

YELGIP is also working on a project about the new generation geo-engineer with “Eurogeosystems”, which aims to provide insight in experiences and knowledge of geo-engineering using a risk based approach. EuroGeoSystems will assist geo-engineers by providing appropriate and existing knowledge. YELGIP is now elaborating the first steps of EuroGeoSystems with four case studies (dams/dikes, geo-thermal energy, deep excavations and reinforced earth structures). The aim is to establish a framework that is suitable for risk and experience assessment for specific geotechnical hazards.

#### POLISH COMMITTEE ON GEOTECHNICS

(message from Z. Lechowicz, May 2009)

Polish Committee on Geotechnics (2005-2008)

- Principal office bearers

President: Prof. Z. Lechowicz

Honorary President: Prof. E. Dembicki

Vice President: Prof. Z. Młynarek, Prof. K. Parylak

Secretary: Prof. K. Gwizdała

Treasurer: Prof. E. Zawisza

- National Membership: 375

- ISSMGE Membership: 312

- Organization of International Conference

11th Baltic Sea Geotechnical Conference “Geotechnics in Maritime Engineering”, Gdańsk, Poland, 15-18 September 2008.

Thematically the conference was divided into following sessions:

- Practice in maritime geotechnical engineering
- Laboratory testing
- Site characterization and in situ testing
- Foundation of onshore and near shore structures
- Workshop of TC1 on „Influence of climate change on dike technology and coastal engineering”
- Theoretical solutions and numerical modeling
- Environmental geotechnical engineering
- Workshop on standards and recommendations for maritime geotechnical engineering

The International Advisory Committee: Z. Młynarek (chairman), President P. Sêco e Pinto, Vice President R. Frank, General Secretary N. R. Taylor, M. Mets, M. Van, M. Manassero, P. Mayne, R. Katzenbach, Z. Meyer.

The International Scientific Committee: E. Dembicki (chairman), A. Braaten, H. Brandl, V. Celminš, L. Furmonavičius, H. Garin, G. Heerten, V. Ilyichev, M. Jamiolkowski, S. Lacasse, T. Lunne, S. Marchetti, R. Massarsch, M. Nußbaumer, A. Soriano, J. Steenfelt, T. Tarkkio, H. Torn, W. Van Impe, W. Wolski.

The Organizing Committee was chaired by Z. Sikora together with the former and present Presidents of PCG Z. Młynarek and Z. Lechowicz.

Invited lecturers: J. S. Steenfelt, S. Lacasse, P. Mayne, J. Grabe, M. Van, M. Cudny, A. Niemunis, H. Brandl, B. Schuppener.

Chairpersons: P. Sêco e Pinto, K. Schjetne, T. Tarkkio, A. Szymański, W. Wolski, J. Monnet, M. Long, J. L. Briaud, R. Frank, Z. Młynarek, E. Dembicki, W. Sondermann, I. Vanicek, M. Pohl, M. Nußbaumer, Z. Sikora, A. Gaberc, L. Furmonavičius, V. Ilyichev, M. Mets.

Discussion leaders: E. N. Bellendir, O. Ravaska, T. Lunne, B. Mazurkiewicz, Wu Wei, R. Katzenbach.

Panelists: E. Okuntsov, M. Werno, C. Wijeysekera, M. Lipiński, J. Powell, A. Viana da Fonseca, M. Topolnicki, M. Sharp, B. Rydell, Y. Watabe, M. Ziegler, D. Łydzbam, G. Heerten, A. Soriano, V. Jaaniso, Z. Meyer.

Almost 280 participants from 30 countries have attended the conference. The topic of the conference was addressed to the application of geotechnical engineering in the maritime constructions. Altogether 124 papers were published in the conference proceedings ([www.11bc.pg.gda.pl](http://www.11bc.pg.gda.pl)).

The subject matter of session 5 concerned issues being an object of workshop within the frames of activity of Technical Committee 1 (TC 1), which was a part of debate of the conference. Two separate sessions included presentations of the sponsoring companies and one session - poster presentation. Altogether there were 10 sessions, in which 79 papers were presented, selected by the Scientific Committee for the oral presentation.

- Organization of International Workshop

3rd International Workshop on "Soil design parameters from in situ and laboratory tests", Baranowo/Poznań, 24-27 September 2006.

Chairperson of Organizing Committee – Z. Młynarek, Invited Speakers: Don de Groot, M. Long, T. Lunne, S. Marchetti, R. Massarsch, F. Danzinger, F. Schnaid, H. Tanaka.

- Organization of National Conferences

XIV National Conference on Soil Mechanics and Geotechnical Engineering with 3rd Young Geotechnical Engineers Conference, Augustów/Białystok, Poland, 20-23 June 2006.

- Participation in International Conferences

- XIII Danube-European Conference on Geotechnical Engineering, Ljubljana, 2006: Keynote lecture – W. Wolski, Chairperson – E. Dembicki, Panelist – Z. Młynarek, M. Topolnicki.
- 14th European Conference on Soil Mechanics and Geotechnical Engineering "Geotechnical Engineering in Urban Environments", Madrid, 2007: Keynote lecture – Z. Młynarek, Panelist – J. Wierzbicki.
- 30-th German National Conference Soil Mechanics and Geotechnical Engineering, Dortmund, 2008: Honorary Invited Guest – E. Dembicki, Invited lecture – M. Topolnicki.

- Participation in EYGE International Conferences

- 17th European Young Geotechnical Engineer's Conference, 20-22.07.2006, Zagreb, Croatia. 2 persons (A. Dąbska, K. Malesiński).
- 18th European Young Geotechnical Engineer's Conference, 17-20.06.2007, Ancona, Italy. 1 person (M. Kowalska).
- 19th European Young Geotechnical Engineer's Conference, 4-6.09.2008, Győr, Hungary. 2 persons (T. Godlewski, M. Waliński).

- Participation in ISSMGE Technical Committees

TC2 – R. Izbicki, TC3 – L. Rafalski, TC4 – H. Suchnicka, TC5 – W. Wolski, TC6 – K. Garbulewski, TC8 – K. Skarżyńska, TC16 – Z. Młynarek (Core member), W. Tschuschke, TC17 – B. Zadroga, TC18 – K. Gwizdała, TC23 – Gryczmański, TC28 – A. Siemińska-Lewandowska, TC29 – A. Szymański, TC32 – O. Puła, TC33 – B. Kłosiński, TC34 – J. Gaszyński, TC35 – M. Kumor, TC36 – Z. Lechowicz, TC37 – A. Bolt, TC38 – M. Topolnicki, TC39 – M. Werno, TC40 – W. Cichy.

- Periodical Journals

- Special Sections - "Geotechnical Engineering" in the Polish Journal "Maritime Engineering and Geotechnics"
- Journal „Studia Geotechnica et Mechanica”.

- Future planned activities

- XV National Conference on Soil Mechanics and Geotechnical Engineering with 4th Young Geotechnical Engineers Conference, Bydgoszcz, Poland, 7-10.07.2009.

- 4th International Workshop on "Soil design parameters from in situ and laboratory tests", Baranowo/Poznań, Poland, 2010/2011.

- Other Important Items

In the frame of Polish Committee on Geotechnics there are two subcommittees:

- Underground Constructions Subcommittee.
- Engineering Geology Subcommittee.

SPANISH SOCIETY OF SOIL MECHANICS (SEMSIG)

(e-mail message from Secretary Enrique Dapena and President and César Sagaseta, April 2009)

Dear Roger,

It is a pleasure for us to answer your letter to make the report of the European Societies that you are going to present in Alexandria.

The most important activity of the SEMSIG in the last four years was the organisation of the XIV European Conference of Soil Mechanics, which we celebrated in September 2007 here in Madrid, and you know perfectly.

This European Conference worked well, with good balance between academic and practical aspects. We need to maintain the enthusiasm in these Conferences. We intend to close out the Conference with the publication of the Volume V at the end of April 2009.

Again, the SEMSIG have an active participation in the ISSMGE Committees, in particular hosting:

- ITC 6: Unsaturated Soils (Chairman Prof. Eduardo Alonso) that is organizing the Fifth International Conference on Unsaturated Soils in Barcelona 2010.
- ERTC 7: Numerical methods in Geotechnical Engineering (Chairman Prof. César Sagaseta).

The activities that the Spanish Society of Soil Mechanics (SEMSIG) carries out each year are the following:

- Two seminars about actual geotechnical works, presented by construction companies, one in June, and another in December.
- Two workshops in February and October, jointly with AETESS, the association of geotechnical contractors, about theoretical and practical aspects of special foundations.
- One lecture in March, at the occasion of the General Assembly of SEMSIG
- Every four years, normally the year before the International Congress, we celebrate our National Conference during three days. The last was in 2004 and the next will be in 2012, because we celebrated the XIV ECSM in Madrid 2007.

In each event, a short volume is published. The National Conference has more formal Proceedings with the Communications and General Reports. Also, we publish one Bulletin of SEMSIG with four issues per year.

This year, the 3rd Spanish-Portuguese Geotechnical Workshop is being organized in Madrid, in cooperation with CEDEX, on Geotechnical Aspects of Railway Infrastructures, on June 25-26, 2009. This follows the first two editions in Madrid (2003) and Lisbon (2005).

About the necessities of the European Region, there is an important theme about the education of geotechnical professionals. Skills, in particular what basic education and higher level

knowledge must be required. Again, we need to encourage social support of the geotechnical professionals.

We need to promote in Europe the celebration every four years of a National Congress in each National Society or between neighbouring Societies, with a common language, to promote the participation of their professionals.

Roger, thank you for your support and collaboration in the Conference of Madrid. It was a pleasure for us to work with you these four years

Best regards,  
Prof. Enrique Dapena  
Secretary of SEMSIG

Prof. César Sagaseta  
President of SEMSIG

UKRAINIAN SOCIETY SMFGE  
(e-mail message from Vladimir Senatorov, May 2009)

Dear Prof. Roger Frank!

For previous years Ukrainian Society got strong and grew numeral. All important construction objects in Ukraine are designed and erected with participation of members of Society which considerably promoted its authority in the state. Basic directions of Society activity are providing of scientific researches and development of practical recommendations on arranging of bases and foundations in difficult engineering-geological conditions and on the under-mined and seismically dangerous territories.

Society participated actively in development of state construction Norms on bases and foundations, earthquake-resistance construction, construction of buildings and structures in the conditions of close urban building up, scientific support of construction etc. These Norms are harmonized with the basic provisions of Eurocodes.

Society became the initiator of conducting of all- Ukrainian scientific-practical conferences and seminars on questions the computer design of compatible work of buildings' bases on land-sliding and the under-mined territories in the conditions of spreading of subsiding, swelling, banked and organogenic soils. The special attention is giving to development of underground construction, using of reinforced soil, arranging of artificial bases both at new construction and at the reconstruction and strengthening of existent objects. Provisions for calculation of pile and bearing foundations are specifying at the difficult loading.

Work on protection of environment is activated. Attention is giving to implementation of new technologies at the setting up of foundations, possibility of bases and foundations designing is valuating according to European Standards.

Valuating the state of the European geotechnical designing, it would be desirable to pay attention to necessity of deep reflection in the European Standards the construction features on loess subsiding, clay swellings, sandy, alluvium soils and in the conditions of the under-mined territories that would provide in all territories of Europe the unique requirements which formed by special soils.

On the other hand for possibility of objective comparison and assessment of possibilities of the computer programs on the numeral design of the systems' work "basis-foundation-structure" it would be rather well to discuss an issue of computer design on conferences, doing emphasis on forming of output date.

We are pleased by cooperation with the President, Vice-president on the Europe and ISSMGE secretary staff. It provided operative information about international conferences and symposiums for us; it did possible to be presented our representatives on these conferences.

Propositions that were formed by President in relation to activity of ISSMGE were perceived as expedient for us.

I wish you successes in your future activity.

UkrSSMGFE Secretary General  
Mykola Kornienko

Appendix 3: Regional Reports – North America  
Report by Dennis Becker

## NORTH AMERICAN REGION – D. BECKER

### General

The North American Region of ISSMGE consists of the three member (country) societies of Mexico, United States and Canada. It is a tradition that the VP North America be selected, upon agreement from the three countries, on a rotational basis. For the term 2005-2009, the Vice President is from Canada. For the term 2009-2013, the position will be filled by the selected representative from Mexico. I'm pleased to announce that Professor Miguel P. Romo has been appointed to serve as VP North America from 2009-2013. Based on his qualifications and track record, I am confident that Professor Romo's contribution as VP North America will be noteworthy. His term starts in October 2009 following the XVII ICSMGE held in Alexandria, Egypt.

There are approximately 4,000 individual ISSMGE members from North America (Mexico (395), United States (2,924) and Canada (723)), which represents about 23 % of the total individual memberships in ISSMGE. Each of the North American member societies have strong and active national geotechnical societies that serve and provide specific benefits to their members. A description of the three national societies and their activities can be found on their respective websites: (Mexican Society for Soil Mechanics (<http://www.smms.org.mx>), Geo Institute (<http://content.geoinstitute.org>) and Canadian Geotechnical Society (<http://www.cgs.ca>)).

The North America Region, despite its small number of member (voting) societies and, hence a small regional "voice", contributes significantly and substantially to the international geotechnical community. This is achieved through active participation of individual members who assist in organizing international workshops, symposia and conferences, attend international events, publish papers and books, and participate on the various Technical Committees (TC) and Joint Technical Committees of the ISSMGE and sister societies of ISRM and IAEG. The North America Region has membership in all of the Technical Committees, including the Chair and Core Group members in about a third of the TCs. A complete list of the TCs and their membership can be found on the ISSMGE website.

In addition to annual conferences, specialty workshops, symposia, seminars and lecture series are organized each year by the respective member societies. As recent examples, the Mexican Society for Soil Mechanics held their XXIV National Conference in Aguascalientes City, Mexico in late November 2008. In Canada, the Canadian Geotechnical Society

(CGS) recently held their 62nd annual conference in Halifax, Nova Scotia, in September 2009. The Geo-Institute in conjunction with the International Foundation Drilling Association (ADSC) and Pile Driving Contractors Association (PDCA) held the International Congress and Equipment Expo in Orlando, Florida in March 2009.

Detailed reports from each Society including information on their respective events and activities were received, and the following sections summarize their activities.

#### Canada

The Canadian Geotechnical Society (CGS) represents Canada in the ISSMGE. The CGS was formed in 1947 and has approximately 1,200 members. Local sections exist in 20 cities across Canada. Each Local Section appoints a Section Director who attends the annual Board Meeting that is held in conjunction with the annual CGS Conference. This allows the Local Section's interests and concerns to be presented to the CGS Board, and in turn enables the Board to convey its plans and activities to the Local Sections. The Local Sections comprise the grass roots of the CGS and are integral to the "bottom-up" structure and processes that drives the CGS.

The CGS consists of seven Technical Divisions (Soil Mechanics and Foundations, Rock Mechanics, Geo Environmental, Hydrogeology, Engineering Geology, Geosynthetics and Cold Region Geotechnology). Therefore, in addition to the ISSMGE, the CGS has ties to many other international learned societies. The Soil Mechanics and Foundations Division members and members who claim ISSMGE as their choice for an international society comprise individual ISSMGE members. In essence, the CGS provides a unifying society for all geo-professionals in Canada. In this regard, it extends the concept of Federation of International Geo Engineering Societies (FedIGS) that was initiated in 2007, but covering only the geo-engineering disciplines of Soil Mechanics and Foundations, Rock Mechanics and Engineering Geology (i.e. ISSMGE, ISRM and IAEG).

More than 100 lectures, short courses, symposia and conferences are provided by CGS to local sections across Canada each year. The annual CGS conference is held in a different city each year, alternatively between western, central and eastern locations. The attendance over the past few years has been of the order of 600 to 700 delegates. The CGS holds a Young Geotechnical Engineers and Geo-Professionals Conference every three years in conjunction with the respective annual conference. Young engineers are also supported to attend similar international young engineers conferences. In addition, each year, a younger geo-professional is selected to present the Canadian Geotechnical Colloquium at the annual conference and for publication in the Canadian Geotechnical Journal.

#### Mexico

The Mexican Society for Soil Mechanics (SMMS) represents Mexico in the ISSMGE. A Mexican National Conference of Soil Mechanics is held every two years, and includes special events such as the Nabor Carrillo Lecture, Manuel Gonzales Flores Award and General Assembly Meeting. The SMMS is also active in the presentation of services to its approximate 400 members in the form of lectures, workshops, symposia and conferences. In general, about 20 events are held annually with the number of participants ranging from about 15 to greater than 400. The SMMS publishes technical manuals, books, magazines and conference proceedings and maintains

a library of donated books and the like. SMMS members also participate on ISSMGE Technical Committees.

#### United States

The Geo-Institute of the American Society of Civil Engineers (ASCE) represents a key ISSMGE member society from the United States. The Geo-Institute has nearly 11,000 members of which about 3,000 choose to be US members of the ISSMGE. The Geo-Institute is very active and serves well its members by providing numerous activities each year on a variety of issues and topics that are timely and highly relevant to academia, research and industry. Each year, the Geo-Institute holds its Geo-Congress series of key annual conferences in different major cities across the United States. The Geo-Congress series of annual conferences are always well attended (of the order of 1,000 or more registrants) including a relatively high percentage of international delegates. Highlights of the conferences include the Terzaghi and Peck award lectures, as well as other prominent national and international keynote speakers. The most recent of these conferences was held in Orlando, Florida, which was a collaborative effort with many other national and international societies.

The Geo-Institute has members serving on almost all of the ISSMGE Technical Committees (TCs) and hosts (chairs) TC16 on Ground Property Characterization from In-Situ Tests and TC33 Geotechnics of Soil Erosion.

Many of the conferences and other events organized by the Geo-Institute have significant international participation. The Geo-Institute are strong supporters of ISSMGE Conferences and support young engineers to attend international Young Engineer Conferences.

The Geo-Institute has held key Joint Workshops with Japan and China. Recent technical agreements for collaborative (Agreement of Cooperation) efforts on Geo-environment were signed with Japan and on Ground Improvement with China and Japan. A similar agreement is also held with the Indian Geotechnical Society, and similar negotiations are underway with the Brazilian Geotechnical Society.

The Geo-Institute and CGS, in particular, encourage and provide significant collaboration with other geotechnical learned societies, such as Deep Foundations Institute (DFI), International Association of Foundation Drilling (ADSC), American and International Geotechnical Society (NAGS and IGS), American, Canadian and International Rock Mechanics (ARMA, CARMA and ISRM), Federal Highways Administration (FHWA), International Society for Micropiles (ISM), Association of Engineering Geologists (AEG), and International Permafrost Association (IPA). This collaboration provides significant benefits to the respective societies as well as the international geotechnical community. In addition to technical exchange, CGS and the Geo-Institute invite each other to have guest representation at annual Board Meetings of the respective societies. This interaction provides a sharing of insight, vision and best practices to enhance the operations and effectiveness of each society.

#### Pan-American Conferences

One of the duties of VP North America and VP South America is to serve on the Advisory Committee for the Pan-American Conference that is held every four years and hosted by ISSMGE member societies, alternating between South America and North America. The Pan-American Conference is the only common conference organized and hosted by two

ISSMGE Regions. The last Pan-American Conference was held in Venezuela in 2007. Plans are now underway for the

2011 (XIV) Conference to be hosted by Canada in Toronto, October 2-6, 2011.

## SOUTH AMERICAN REGION – W. HACHICH

### 1) Interaction with Member Societies in South America

Society	Country	Contacts	Remarks
SAIG	Argentina	Frequent	
ABIG	Bolivia	Rare	President Sêco e Pinto visited Bolivia in March, 2009, in an attempt to foster activity and interaction.
ABMS	Brazil	Frequent	
SOCHIGE	Chile	Frequent	
SCG	Colombia	Occasional	
ACG	Costa Rica	Frequent	
CTNMSIG/ UNAICC	Cuba	Occasional	
SEMSIR	Ecuador	Frequent	
SSG	El Salvador	Frequent	
SPG	Paraguay	Frequent	
SPG	Peru	Rare	President Sêco e Pinto met with officers of SPG in March, 2009, in an attempt to find a solution for re-integration.
SVDG	Venezuela	Frequent	
SODGYM	Dominican Republic	Occasional	Membership planning.
	Uruguay	Occasional	Membership planning.

The Vice-President was invited and attended conferences in Argentina, Brazil, Costa Rica, Ecuador and Venezuela. He was invited to a conference in Cuba as well, but was unable to attend.

ISSMGE International Seminars were organised, with the support of SMMS, ABMS, and GeoInstitute, in Chile, Paraguay, Costa Rica, El Salvador and Ecuador. President Sêco e Pinto and the Vice-President helped organise and attended all of them.

The XIV Pan-American Conference on Soil Mechanics and Geotechnical Engineering (PCSMGE) and the V Pan-American Conference on Teaching and Learning Geotechnical Engineering (PCTLGE) shall take place in Toronto, Canada, in October, 2011. The first CAC meeting took place in Toronto on March 12, 2009. Carlos Englert, who has been active in the organisation of the 2007 Pan-Am in Venezuela, represented SVDG at the meeting. The VPSA also took part, as member of the CAC. The newly elected Vice-Presidents for North and South America could not attend, but shall be present at the next CAC meeting, scheduled for October 7, 2009, in Alexandria, Egypt.

Mr. Makoto Namba, from Brazil, has been appointed by the VPSA as the South American young member of the publication team of the ISSMGE Bulletin.

Ing. Jorge Bonifazi, from Argentina, has been chosen as the next Vice-President for South America (2009-2013).

### 2) New Member Societies

The Cuban National Technical Committee on Soil Mechanics and Geotechnical Engineering (CTNMSIG) presented its statutes — as well as those of its parent organisation, UNAICC (National Union of Cuban Architects and Civil Engi-

neers) — and a list of 30 members, and became affiliated with the ISSMGE in 2007. The efforts of Rolando Armas are acknowledged. The IV Pan-American Conference on Teaching and Learning Geotechnical Engineering (PCTLGE) took place in Havana, July 11-13, 2007, with an attendance of about 80, including delegates from Argentina, Chile, Ecuador, Finland, Mexico and Peru.

The Sociedad Salvadoreña de Geotecnia (SSG) was founded and became affiliated to the ISSMGE on occasion of an ISSMGE International Seminar in San Salvador, in July, 2007, which attracted about 50 geotechnicians. Creation of the SSG was a direct consequence of the IV Encuentro Centroamericano de Geotecnistas, organised by the Asociación Costarricense de Geotecnia in San José, Costa Rica, in November, 2006. The efforts of Luis Piñeda throughout the creation of SSG are acknowledged. He is currently the president of SSG, which remains quite active and continues to volunteer to host some regional event.

Sociedad Dominicana de Geotecnia, Fundaciones y Materiales (SODGYM - Dominican Republic) is applying for membership and may become a Member Society in the near future.

Uruguay has been considering, for some time now, an arrangement similar to that adopted by Cuba: membership through a larger, existing body of engineers.

### 3) Activity of Member Societies

The VPSA has participated in the XVIII Congreso Argentino de Mecánica de Suelos e Ingeniería Geotécnica, September 27-29, 2006, in San Juan, where he had meetings with the SAIG Board (themes discussed: Casagrande Lecturer, FIGS, regional TCs, co-operation between South American universities) and with Argentinean members of TCs. The conference was a success in all respects, with about 150 participants. The XIX CAMSIG took place in La Plata, October 15-17, 2008.



Over 70 papers were published, of which 46 were orally presented. Seven keynote lectures were delivered by Argentinean practitioners and professors, covering activities in Argentina and abroad. The 3rd South-American Conference of Young Geotechnical Engineers was also organized by the Argentinean Society of Geotechnical Engineering (SAIG) and took place in Córdoba (Argentina) from March 30 to April 1, in the facilities of the Engineering School of the UNC. This very successful conference brought together over 86 participants from 9 different countries. The conference was also attended by the President of the ISSMGE (Prof. Pedro Sêco e Pinto), the Vice-President for South America (Prof. Waldemar Hachich), authorities of the SAIG, local authorities and academics.

ABMS (Brazil) continues to be a quite active Member Society. In April 2008 it co-organised the Fourth Luso-Brazilian Conference, in Coimbra (Portugal), where Prof. John Burland delivered the first Victor de Mello Lecture. COBRAMSEG (its national conference) took place at the beach resort of Búzios (Rio de Janeiro), August 23-26, 2008. It has been a most successful event, where over 700 geo-professionals from Brazil and 10 other countries from four ISSMGE regions gathered for four days of intense geotechnical discussions and extremely pleasant social activities (see [www.abms.com.br/novo/integra.aspx?id=168](http://www.abms.com.br/novo/integra.aspx?id=168)). The previous COBRAMSEGs took place in 2006 (Curitiba) and 2002 (São Paulo). This has been the first instance of a biennial COBRAMSEG, which included GeoJovem (the Brazilian YGEC), the third BIC workshop (organised by the ABMS mirror committee of TC16), and a TC41 international workshop. Almost 400 papers have been published in the proceedings.

It has not been possible to achieve regular interaction with the Asociación Boliviana de Ingeniería Geotécnica (ABIG - Bolivia). President Sêco e Pinto visited Bolivia in March, 2009, in an attempt to foster activity and interaction.

SOCHIGE (Chile) held its national conference in 2007 and is preparing the Fifth International Conference on Earthquake Geotechnical Engineering (SICEGE, 2011). Bulletin 1 has been recently released. An ISSMGE International Seminar was organised in Santiago in August, 2006.

The XI Colombian Geotechnical Congress took place in Cartagena, Colombia, October 8–13, 2006, in conjunction with the VI South American Congress on Rock Mechanics. There were 160 participants, 17% of them coming from Brazil, Chile, Costa Rica, Spain, USA, Italy, Peru and Venezuela. The XII Colombian Geotechnical Congress took place in Bogotá, September 1-8, 2008. It seems that the Colombian geotechnical community has stronger ties with ISRM than with ISSMGE, so action is needed to strengthen relations between ISSMGE and SCG.

In November, 2006 the Asociación Costarricense de Geotecnia (ACG) held its IX Seminario Nacional de Geotecnia, a well organised conference in which about 120 geotechnicians (mostly from Costa Rica, but also from Mexico, Colombia, El Salvador, Panama, Brazil) gathered for 2 days, followed by a 1-day technical visit. Two 1-day short courses preceded the conference. A meeting of Central American geotechnicians (IV Encuentro Centroamericano de Geotecnistas) took place with representatives from El Salvador and Panama, and was a decisive step in the creation of the Sociedad Salvadoreña de Geotecnia. ACG organised a course on Foundation Engineering in November, 2008. This course, taught by Prof. Braja Das, was a direct consequence of the ISSMGE International Seminar held in San José on July 23-24, 2007, with about 150

participants. In August, 2009 ACG will celebrate its 30th anniversary with a commemorative conference.

SEMSIR (Ecuador) celebrated in 2006 the 45th anniversary of its foundation with a national YGEC. SEMSIR also organised the ISSMGE International Seminar on Foundation Engineering (Guayaquil, August, 18-19, 2008). The event received support from local industry and also from ABMS. Over 80 participants — many of which students — gathered at the historical main building of the University of Guayaquil for two days of lively presentations and discussions. A successful Foundation Engineering short course took place in Guayaquil and Quito in January, 2009, as a direct consequence of the 2008 ISSMGE International Seminar. Prof. Braja Das has been the lecturer.

The Sociedad Paraguaya de Geotecnia (Paraguay) organised an ISSMGE International Seminar in Asunción, in August, 2006.

The VPSA received an invitation to deliver two lectures in Peru in October, 2005. None of the two events had been organised by — or received any support from — the Sociedad Peruana de Geotecnia (SPG). The Vice-President seized that opportunity to meet with the president and the treasurer of the SPG and explore possibilities for re-integration in the ISSMGE community. Three options were offered: more active participation in TCs, a Touring Lecture, organisation of a South American young geotechnical engineers' conference. It was stressed that any of these options should be combined with a firm proposal to somehow adjust the situation of fees in arrears. By the end of November, 2005 the president of SPG indicated that the Society would prefer to organise the YGEC, but unfortunately in 2006 the VPSA was informed that the SPG would not be able to organise that Conference. President Sêco e Pinto took advantage of a stop-over in Lima to meet with officers of the SPG at the Lima airport, in March, 2009, in a renewed attempt to find a solution for re-integration and for the fees in arrears situation. As of June 2, 2009, there are indications that a solution may have been achieved, with results expected in the next few months.

The Sociedad Venezolana de Geotecnia (SVDG – Venezuela) organised the XIII Pan-American Conference on Soil Mechanics and Geotechnical Engineering (PCSMGE), in July, 2007. The Conference was attended by about 240 professionals (the large majority from Venezuela, 12 from Mexico, 10 from Brazil, others from South and North America, Africa and Europe), and 100 students. The Casagrande lecturer, Prof. Eduardo Núñez, from Argentina, could not be present at the Conference due to illness in the family. His Lecture was presented by Dr. Alejo Sfrizo. Prof. Ennio Palmeira delivered the Mercer Lecture at the Conference, following an agreement with IGS. The Venezuelan Member Society (SVDG) celebrated its 50th anniversary with a special conference, on November 7-9, 2008.

#### 4) Technical Committees

##### Regional

At the PC meeting in Margarita it was decided that the South American Committee on Mass Movements should formally become a Regional Technical Committee, in close cooperation with JTC1, the Joint Technical Committee on Landslides. It has not been possible to implement that decision yet.

##### International

South American membership in TCs (core members and chairs):

## ABMS (Brazil)

JTC1	Willy Lacerda (Chair)	Landslides and Engineered Slopes
JTC3	Waldemar Hachich	Education and Training
JTC4	Luiz Guilherme de Mello	Professional Practice
TC5	Márcio Almeida	Environmental Geotechnics
TC6	Tácio Campos	Unsaturated Soils
TC16	Fernando Schnaid	Ground Property Characterization from In-Situ Tests
TC28	Arsenio Negro Jr.	Underground Construction in Soft Ground
TC29	Alberto Sayão	Laboratory Stress Strain Strength Testing of Geomaterials
TC36	Roberto Coutinho	Foundation Engineering in Difficult Soft Soil Conditions
TC32	Marcus Pacheco	Engineering Practice of Risk Assessment and Management
TC34	Márcio Muniz de	Prediction and Simulation

## APPENDIX 4- GEO-ENGINEERING RESOURCES / EDUCATION

## REPORT BY WALDEMAR HACHICH, MOUNIR BOUASSIDA

September 2005 – June 2009

No decision taken in Board meetings regarding the name of the Task Force (pending proposal: PROPAGATION OF GEOTECHNICAL CULTURE)

## TERMS OF REFERENCE (2005-2009)

## KNOWLEDGE NETWORK

	Farias	Methods in Geomechanics
TC37	Luciano Décourt	Interactive Geotechnical Design
TC38	Werner Bilfinger	Soil-Structure Interaction
TC41	Arsenio Negro (Chair)	Geotechnical Infrastructure for Mega Cities and New Capitals

## SOCHIGE (Chile)

TC4 – Ramón Verdugo

## SCG (Colombia)

TC33 – Jaime Suárez Diaz

A visual ID for the ISSMGE Knowledge Network (IKN) has been incorporated to the ISSMGE website, with the help of the Secretariat.



Some content has been made available (mostly by re-organisation of the contents already available in the website) through this link. It is not, at this point, but a pale idea of what we believe should be offered to our individual members.

Comments are invited

Initiative	Current status	Concerns	Future needs
Devise means to make state-of-the-art reports presented at international ISSMGE conferences, IYGEC awarded papers, selected papers presented at Regional ISSMGE Conferences, and TCs' reports available on the Web to ISSMGE individual members (restricted area).	<p>Lectures from the latest two International Conferences (Istanbul and Osaka) have already been provisionally made available, through MS passwords, thanks to an effort by the Secretariat.</p> <p>Authorization for web-publication of selected lectures obtained from:</p> <ul style="list-style-type: none"> <li>• Taylor and Francis (formerly Balkema)</li> <li>• Milpress</li> <li>• Oxford &amp; IBH</li> </ul> <p>This covers essentially all ISSMGE conferences.</p>	<p>Anyone who manages to get the MS password is granted access, thus defeating the purpose of attaching value to individual ISSMGE membership.</p> <p>Meanwhile other sites offer valuable geotechnical information for visitors.</p> <p>ISSMGE should be "the prime information and communication service" for geotechnical professionals.</p> <p>ISSMGE should require that authorization for web publication of special lectures and reports (even if after a certain lapse of time) be an essential clause to be negotiated with prospective publishers of ISSMGE conferences.</p>	<p>Expansion of this knowledge database will require upgrading and expansion of the web-site.</p> <p>Individual restricted access also requires upgrading of the website.</p> <p>Some information (or partial information) should be kept open to all visitors, in order to entice membership.</p>

Initiative	Current status	Concerns	Future needs
Explore the possibility of fostering the creation of ISSMGE-sponsored thematic discussion groups on the Web (such as the "Dam safety group" on Yahoo). Consider the possibility of one such group being dedicated to demands and offers of donations of geotechnical goods (books, lab and field equipment, etc.).	No developments to be reported yet.	<p>Yahoo groups already proliferate with no official help from (or benefit for) ISSMGE.</p> <p>Technical thematic discussion groups (or forums) might be the incubators of possible new technical committees, but only if they were hosted by the ISSMGE website itself, and moderated by appointed ISSMGE individual members.</p>	In order to be ideally set up, this initiative would require the use of the "Discussion Forum" facility of the website (already available in the restricted area).
Lexicon 2008	<p>Glossary ready in exchangeable format (csv, dif, xls, or mdb)</p> <p>Michael Lisjuk's help with the Russian terms was essential.</p>	<p>Now probably Lexicon 2009.</p> <p>The Lexicon has a rich history of contributions by ISSMGE Member Societies and individual members. It could and should be updated on the basis of suggestions from users.</p> <p>For the reasons pointed out in the previous paragraph, access should be granted to verified ISSMGE individual members alone. The current MS-password protected area is not deemed adequate for the Lexicon.</p>	Implementation on the website will require upgrading (SQL, search engine, etc.), as discussed in the two proposals prepared on the basis of the preliminary specifications for the website, submitted by the Task Force on December 11, 2007.
Case-study database, as a particularly useful tool for the education of geotechnical engineers.	Template for a case study, contributed by Marina Pantazidou (Hellenic Society), made available on the website for critical analysis and suggestions by individual members.	<p>Some interesting and enlightening case studies may never become public because the professionals involved have neither the time nor the patience for submitting papers to journals such as the IJGCH.</p> <p>After consolidation of relevant suggested modifications, the template would need to be transformed into a (very) friendly interface, so as to encourage those professionals to input their case studies directly and effortlessly.</p>	Friendly interface on the website (essential)

ISSMGE INTERNATIONAL SEMINARS (new name approved in Brisbane)

Guidelines for ISSMGE International Lectures approved by Council in Brisbane.

No further developments.

YGEC (Young Geotechnical Engineers' Conferences)

Guidelines prepared by Neil Taylor approved by Council in Brisbane.

No further developments.

## APPENDIX 5 - COMMUNICATIONS

### REPORT BY OSAMU KUSAKABE

May 19, 2009

#### 1. Outline

President Pedro Pinto proposed the establishment of Task Force on Communications with possible launch of ISSMGE Bulletin as the upgraded version of Newsletter at a preliminary Board meeting on the last day of the Osaka Conference in September 2005. The president appointed Osamu Kusakabe to the task of launching and editing/publishing the ISSMGE Bulletin.

The Board considered that the publication of the ISSMGE Bulletin should serve as a means to promote the communication among ISSMGE member societies as well as individual members, to bridge the gap between academicians and practitioners, and to integrate senior and young generations in the geotechnical community. The Board also hoped that the Bul-

letin may be a source of recorded documents for the future archives of ISSMGE.

After careful discussions at the two subsequent Board meetings at Rome, March 2006 and at Curitiba, September 2006, the Board formulated the contents and decided the members of the editorial board for the quarterly publication of ISSMGE Bulletin (Pedro Seco e Pinto, Osamu Kusakabe, Neil Taylor, William Van Impe, John Carter and Pongsakorn Punrattanasin) as well as the mode of distribution. It was decided that the Secretariat should distribute the ISSMGE Bulletin in a digital form to each member society as well as posting it on the ISSMGE website, so that any individual ISSMGE member can access and download the Bulletin. This mode of distribution incurs no financial cost to the Society. The first issue of the Bulletin was launched in March 2007.

Typical issues include a message from one of the Board members, the views of the younger generation, reminiscence by senior figure, case histories reported by practitioners, reports of Technical Committee activity, the activities of member societies, news and an event diary. The Bulletin also provides corporate members a page to enhance their visibility.

## 2. From March 2007 to March 2009

A total of 168 pages have been published from March 2007 to March 2009, and the following articles have been included:

Message from Board: President (March 2007, March 2008), Vice Presidents (Africa: June 2007, Asia: September 2007, Australasia: December 2007, Europe: June 2008, South America: September 2008, North America: December 2008), Appointed Board Member (March 2009)

TC activities: TC1: Coastal Engineering and Dyke Technology (September 2008), TC2: Physical Modelling in Geotechnics (March 2007), TC4: Earthquake Geotechnical Engineering and Associated Problems (September 2007), TC5: Environmental Geotechnics (March 2008), TC16: In-situ Testing (June 2008), TC28: Underground Construction in Soft Ground (June 2007), TC29: Laboratory Stress Strain Strength Testing of Geomaterials (September 2007), TC33: Geotechnics of Soil Erosion (June 2008), TC34: Prediction and Simulation Methods in Geomechanics (December 2007), TC35: Geomechanics from Micro to Macro (June 2007), TC39: Geotechnical Engineering for Coastal Disaster Mitigation and Rehabilitation (September 2008), TC41: Geotechnical Infrastructure of Mega Cities and New Capitals (September 2008)

Activities of Member Societies: The Japanese Geotechnical Society (March 2007), The Russian Society for Soil Mechanics, Geotechnical Engineering and Foundation Construction (June 2007), The Comité Français de Mécanique des Sols et de Géotechnique (September 2007), The Australian Geomechanics Society and the New Zealand Geotechnical Society (December 2007), The Canadian Geotechnical Society (December 2007), The Korean Geotechnical Society (June 2008), Member societies in the African region (March 2008), The Brazilian Association for Soil Mechanics and Geotechnical Engineering (September 2008), The British Geotechnical Association (December 2008), The Geoinstitute of ASCE (March 2009)

Reminiscences:

Past Presidents: 1977-1981 President Prof. Masami Fukuoka (March 2007), 1981-1985 President Prof. Victor F.B. de Mello (June 2007)

Past TC Chairmen: 1981-1985 TC2 Chair Prof. Andrew Schofield (June 2007), 1988-1996 TC28 Chair Prof. Keiichi Fujita (September 2008)

Case histories: A Submerged Embankment on Soft Soil (March 2007), A Major Construction Period of dam failure (June 2007), Grouting in Limestone for Tunnel Project in Kuala Lumpur (September 2007), Kansai International Airport Phase II Project (December 2007), Geotechnical Aspects of Rades La Goulette Bridge Project (September 2008), Geotechnical Design for the Nakheel Tower (December 2008)

## 3. Future

With the view to continuation of the publication of the ISSMGE Bulletin, the President invited and appointed six regional correspondents from each region to actively participate in editing the Bulletin in March 2009. The following young members will work together with the Board to continue to improve the publication of ISSMGE Bulletin for a period of four years, starting from the June issue of 2009. Dr. Pongsakorn Punrattanasin (Head), Dr. Deepankar Choudhury (Asian region), Dr. Imen Said (North African region), Dr. Makoto Namba (South American region), Dr. Erdin Ibrahim (European region) and Dr. Cholachat Rujikiatkamjorn (Australasian region).

## APPENDIX 6 – INTERNATIONAL CONFERENCES

### REPORT BY JOHN CARTER, ROGER FRANK

### PROPOSAL FOR PUBLICATION OF THE PROCEEDINGS OF ICSMGE AND FOR ALLOCATING PAGES IN THE PROCEEDINGS

#### INTRODUCTION

At various ISSMGE Board Meetings in the period since the Osaka meeting of Council there was discussion on the Role and Format of International Conferences conducted by ISSMGE. This discussion included consideration of the following:

- whether it was necessary to introduce changes to the present procedure for allocating pages for the proceedings of an International Conference,
- whether the conference proceedings should be published on CD or as hardcopy, or both. If CD is adopted then perhaps there should be less concern about the total numbers of papers that could comprise proceedings of a conference, and
- whether there may be merit in re-thinking the mechanism by which the total number of papers from a Member Society could be accepted.

The Task Force on International Conferences was asked to review the procedure for allocating the papers for the International Conference. Members of the Task Force were also asked to consider whether there should be a minimum allocation of papers to the conference from a Member Society, which at present has been set arbitrarily as 2 papers. In their deliberations, the Task Force was asked to consider mechanisms by which the quality of papers could be maintained by suitable refereeing procedures.

This report presents the outcomes of the deliberations of the Task Force and the Board and presents an alternative proposal on the matter for consideration by Council.

#### Existing Procedure

Following is a summary of the principles currently approved by the Council of ISSMGE for allocating pages in the proceedings of the International Conferences of ISSMGE. They are essentially as suggested originally by Professor Kerisel and as amended by Paragraphs 22 and 23 of the Minutes of the Council Meeting held in Paris in 1977.

Supposing that the total number of pages to allot is N (a separate recommendation on the value of N is made elsewhere):

(i) The organizing country should be allocated an additional quota of  $0.04N$  (in addition to pages allocated under clause (iii) below), which it may retain for itself or give to others. It is normal that the organising country should have such a share in order to relate at length what they are doing, to reward them for their organising and for the financial risks which they have assumed.

(ii) A quota of  $0.1N$  shall be allocated by the President, after consulting the Vice-Presidents, to the countries whose research he thinks deserve more attention, or who have published the best papers at the previous conference, or in the period between the two conferences.

(iii) The remainder of the pages, i.e.,  $0.86N$ , shall be allotted in proportion to the total of the subscriptions paid by the National Society during the 4-year period immediately preceding the Conference.

(iv) In order to ensure some continuity, no difference of more or less than 25% shall be made in the relative number of pages initially allotted to one country at two consecutive conferences, apart, of course, from changes due to non-payment of dues.

(v) Finally, if some National Societies have not used their full allocation of pages, the organising committee shall be responsible for allotting them to another National Society (other than that of the host country).

#### Proposed Alternative

##### 1. Publication Media

All paper manuscripts shall be prepared electronically in the form of type-written papers which could be published in hard copy and/or electronic format.

Full-length versions of the invited papers and the abstracts of all other submitted papers should appear in at least hard copy format in a printed volume or series of volumes.

The medium of publication for the balance of the papers submitted to the International Conference of ISSMGE and accepted for publication in the conference proceedings shall be determined by the Conference Organising Committee (COC) but must include a method which provides a failsafe archival form. This could be either: printed hard copy; CD ROM; DVD; Flash drive; a web-site which is regularly backed-up; or other suitable electronic medium.

##### 2. Total Number of Pages

The maximum number of equivalent printed pages for the conference proceedings shall be determined by the Conference Organising Committee (COC). This decision would normally be subject to budgetary constraints. However, based on historical trends it should be expected that overall the conference proceedings will comprise a minimum of at least 2,500 equivalent printed pages.

##### 3. Allocation of Pages to Member Societies

Supposing that the total number of pages to be allocated for papers other than the invited papers is N:

(i) The Member Society organising the International Conference shall be allocated an additional quota of  $0.04N$  pages (rounded down to the nearest even number) in addition to the pages allocated under clause (iii) below, which it may retain for itself or give to others. It is normal that the Member Society responsible for organising the International Conference should have such a share in order to relate at length what they are doing, to reward them for their efforts in organising the International conference and for the financial risks which they have assumed.

(ii) A quota of  $0.1N$  pages (rounded down to the nearest even number) shall be allocated by the President to those Member Societies whose research, in his or her opinion and that of the Vice-Presidents, warrants more attention, or who have published papers at (or since) the previous conference that demonstrate significant advances in geotechnical engineering within those Member Societies.

(iii) The remainder of the pages, i.e.,  $0.86N$  pages (rounded down to the nearest even number), shall be allocated to each Member Society in proportion to the total of the Individual Members of each Member Society who are affiliated with ISSMGE. These numbers of Individual Members will be calculated as the average during the 4-year period immediately preceding the mid-term Council meeting. Only Member Societies with no fees in arrears shall be considered for allocation of pages. The minimum allocation to each Member Society shall be 8 pages.

(iv) In order to ensure some continuity, no difference of more or less than 25% shall be made in the relative number of pages initially allocated to one Member Society at two consecutive conferences, apart from any changes arising due to non-payment of dues.

(v) Finally, if some Member Societies have not shown the intention of using their full allocation of pages up to one year before the Conference, the remaining pages shall revert to the presidential quota, for allocation in accordance with item (ii) above.

##### 4. Paper Submission and Paper Length

The COC shall prepare a list of invited papers for recommendation to the CAC. Once approved, the COC shall issue invitations to the authors of the invited papers to prepare their papers for the conference. The length of each of these invited papers shall be at the discretion of the COC.

All remaining papers must be submitted through Member Societies. Each Member Society will be allocated a maximum number of pages for their papers, calculated according to the formula described previously. The length of each individual paper submitted by Member Societies shall be at the discretion of each Member Society, subject to the overall maximum page limit for each Member Society not being exceeded.

##### 5. Paper Review

Invited papers shall be reviewed and edited at the discretion of the COC.

Each Member Society shall nominate a committee of relevant experts who shall review, prior to their submission to the COC, each of the papers authored by Members of that Member Society and submitted as part of their allocation.

##### Implications

An analysis of the effects of adopting this new proposal is shown in the following table, which indicates the distribution of pages, assuming that the total number of pages allocated to the non-invited papers is notionally 3,000. Note that this distribution is indicative only, and has been based on membership numbers for one year only (2008), rather than averages over a 4 year period.

John Carter	Roger Frank
VP, Australasia	VP, Europe
March 2009	

#### APPENDIX 7 - RELATIONSHIPS WITH SISTER SOCIETIES ISRM AND IAEG, AND WITH OTHER INTERNATIONAL BODIES

##### REPORT BY PRESIDENT

##### Meetings with Sister Societies

Following the Council Meeting in Osaka, there have been 9 meetings with the Presidents, Immediate Past Presidents and Secretaries General of IAEG, ISRM and ISSMGE:

Paris - 11 November 2005  
 Amsterdam - 11 May 2006  
 Nottingham - 8 September 2006  
 Lisbon - 22 January 2007  
 Paris - 9 June 2007  
 London - 25 January 2008  
 Ghent - 12 May 2008  
 Madrid - 19 September 2008  
 Cairo - 28 February 2009

The two main items under discussion were formulating a Cooperation Agreement for the Sister Societies and the development of Joint Technical Committees. In addition, there was discussion on the International Year of Planet Earth.

The minutes of the last 2 meetings are presented in Annex 1.

The activities performed by the Joint Technical Committees, with emphasis to JTC1, JTC2 and JTC4 hosted by ISSMGE, are presented in Annex 2.

On August 2008 ISSMGE president wrote a letter to the chairpersons of JTC 1, JTC2 and JTC4, hosted by ISSMGE, recognizing their important role, thanking their co-operation and informing that since then these JTCs were transferred to Fed IGS.

The letters exchanged with other International Societies, namely IGUS, ITA and IGS are presented in Annex 3.

ISSMGE president has attended IAEC Council meeting in Nottingham, on September 2006.

ISSMGE president has attended ISRM Council meetings, in Singapore, on November 2006, in Lisbon, on July 2007, in Teheran, on November 2008 and in Hong Kong, on May 2009.

Related with co-operation with IGS Joint Sessions were organized in Ljubljana for the occasion of Danube Conference on May 2006 and also for the IGS Conference in Yokohama on September 2006.

In addition Mercer Lecture took place in 2007 for the occasion of Pan American Conference in Isla de Margarita, on July 2007 and XIV ARSMGE Conference in Kolkata, on December 2007.

Mercer Lectures are also programmed for the VI ICEGE Conference in New Delhi, on November 2010 and XV ARSMGE Conference in Maputo, on June 2011.

The ISSMGE president has attended ITA Council meeting in Budapest on 24 May 2009 and have signed with the ITA president an agreement of co-operation between ITA and ISSMGE.

#### ANNEX 1

##### BOARD MEETING OF FEDERATION OF INTERNATIONAL GEO-ENGINEERING SOCIETIES OFFICES OF HAMZA ASSOCIATES 28 FEBRUARY 2009 - CAIRO

##### Present:

William Van Impe	President FedIGS
Pedro Sêco e Pinto	ISSMGE
RNeil Taylor	ISSMGE
John Hudson	ISRM
Nielen van der Merwe	ISRM
Luis Lamas	ISRM
Fred Baynes	IAEG
Niek Rengers	IAEG
Sébastien Dupray	IAEG

The President William Van Impe opened the meeting and welcomed the members of the FedIGS Board to the meeting in Cairo. He expressed thanks to Hamza Associates and especially Dr Mamdouh Hamza for their generosity in hosting the meeting.

##### 1. Apologies

There were no apologies and all members of the FedIGS Board were present.

##### 2. Approval of the agenda

The Board approved the Agenda.

##### 3. Approval of the minutes of the meeting in Madrid

Niek Rengers asked if there was any reaction to the letter from FedIGS to the IYPE (letter dd. 24/09/08). W. Van Impe stated that no reply nor reaction was ever received.

The minutes of the meeting in Madrid circulated previously were approved as a representative record of the meeting.

##### 4. Finances and future accommodation of the bank account

The President reported that a statement of the present accounts had been circulated with the meeting papers. The balance at the end of December was EUR 7300, Nielen van der

Merwe asked if the temporary measure of ISRM hosting the bank account was to continue. John Hudson asked if the President had established an account in Ghent. Neil Taylor pointed out the original agreement had stated that the account would be hosted by one of the Founding Societies. John Hudson remarked that the account should then move to one of the other Societies. He also commented that Luis Lamas should be thanked for his help and support. The President commented that he could open an account but that it would then necessarily be an account in the University of Ghent. This would remain the case until the FedIGS had legal status with agreed Statutes and Bylaws.

There was some discussion of what or how to host the account. It was noted that it would make operation of FedIGS difficult if the account changed frequently. After some debate Fred Baynes agreed that IAEG would host the account. Sébastien Dupray would establish an account as a matter of urgency and the finances would transfer to the IAEG no later than the beginning of May.

Fred Baynes asked if there could be a budget and some forward planning of expected income and expenditure. William Van Impe remarked that he was still of the opinion that FedIGS would be self financing by 2010. He pointed out that secretarial assistance was from Linda Van Cauwenberge who was supported by the Geotechnical Laboratory at University of Ghent. John Hudson asked what self financing meant and that if this would include the expenses of the Board in attending meetings. William Van Impe commented that he saw the resources of FedIGS being used more for the support of JTCs, for example for workshops or symposia etc.... The Board meeting costs should be limited as much as possible.

By the end of 2010 it is envisaged by W. Van Impe to work with FedIGS in a fully legalised status. At that moment, the account should be linked to the legal FedIGS secretariat address.

The today's FedIGS account was hosted for one year by the ISRM.

The President would also send, by separate letter, a proposal for budget 2009 – FedIGS working.

## 5. Secretariat of FedIGS

Clause 10.3 of the Cooperation Agreement stated that Secretariat should be located at one of the Sister Societies. William Van Impe stated that most of administrative work was presently handled by the University of Ghent and that it would be difficult to operate with all secretarial duties being undertaken by one of the founding societies.

William Van Impe asked if there could be the possibility of effectively making minor changes to the clauses and sub-clauses without requiring all Councils approving the amendments. Nielen van der Merwe thought this could lead to opposition from the Councils if they thought their oversight was being undermined. Niek Rengers thought there ought to be the possibility of organising a local secretariat support and that the founding societies would recognise the need for this. According to W. Van Impe, the exact location of secretariat will finally correspond to the clause 10.3, but the main work will unavoidably most probably be handled in the President's office as today.

Fred Baynes noted that in the opening paragraphs of the Cooperation Agreement it was stated that "The approval of the Cooperation Agreement by the three organisations will formally commit the three organisations to the existence and

functioning of FIGS as outlined in the Clauses and Sub-clauses of this Cooperation Agreement." The word "outlined" was not as strong as "detailed" and implied a degree of flexibility. Therefore taking a pragmatic approach as described by Niek was sensible. Nielen van der Merwe agreed with Niek Rengers's comments and that the FedIGS should make the best pragmatic approach in good faith and within the spirit of the agreement for say 2 years and then propose formal Statutes and Bylaws as FedIGS becomes formally established. The general feeling of the Board was that progressing within the general intention of the Cooperation Agreement and noting any minor variations was the best way forward. The President should then keep a record of such minor variations that were seen as necessary to allow the FedIGS to function effectively. Regarding the issues of the Secretariat, this would continue to operate at the University of Ghent as at present.

## 6. Discussion of the Mission Statement

William Van Impe introduced the item by reminding the Board he had circulated an outline presentation in September 2008, which had received very limited responses. He was eager to receive feedback on the presentation from all members of the Board since he would use this presentation in promoting the FedIGS ideals.

Fred Baynes had indicated in previous correspondence that he had concerns that the presentation was not an accurate description of the FedIGS mission and wanted to discuss the presentation. He felt that the presentation made rather grand statements that did not give a clear vision of what FedIGS was about. He saw FedIGS as a collaborative forum, which would serve the common needs of international societies and industry.

The discussion focussed on the detailed phraseology on the 3-slide presentation. Fred Baynes was firmly of the view that the mission statement as given in the Agreement should in effect be transcribed in the mission presentation. The present PowerPoint presentation seemed to lack clarity and therefore did not represent the Mission as well as it could. After considerable debate, it was taken that the PowerPoint presentation would only be a verbal communication tool acting as a vehicle for the President to make on what the FedIGS was really about.

Fred Baynes went on to comment on the deliverables of FedIGS. He thought that what was stated in the presentation would not be of interest to industry and it should be clearer what would be delivered to the interest and benefit of industry.

William Van Impe considered that industry would see the general benefit of being involved with the main body of FedIGS via the Liaison Committee without having to be members of the active members of the International Societies. From his discussions with industry, he had gained the impression that certain industry figures saw their association with FedIGS would help them as a form of branding, which should be discussed in due time by the Board.

## 7. State of Progress of the Liaison Committee

William Van Impe reported that he had identified six industry sectors (and after discussion in this Board even nine industry sectors) that would be of interest and relevance to FedIGS and hoped to attract representatives from each of these to join the Liaison Committee. These sectors are:

- Construction ground engineering
- Geo-engineering and/or environmental related design
- Geo-engineering and mining
- Transportation infrastructure
- Energy related geo-engineering
- Geo-engineering testing and testing equipment
- Geo-engineering dredging related issues
- Construction, mining, dredging equipment suppliers
- Research Centres and public officers

A question from William Van Impe was whether the present Cooperation Agreement, which allowed for only one member of the Liaison Committee to be on the FedIGS Board, should be amended to allow for example a representative from each sector. William Van Impe went on to note that the letter of invitation to companies who might join the Liaison Committee had been circulated to the Board for approval and had now been sent to 20 companies. The response to date was that two companies had agreed to join the Liaison Committee, six are in discussion requiring clarification of the function of the Liaison Committee and two? companies had written polite letters of rejection. The main questions of clarification concerned the number of meetings per year, the potential for the industry representatives to be well positioned in FedIGS and so securing the Industry input possibilities.

In discussion, Nielen van der Merwe thought amending the Agreement to allow for increased membership of the Liaison Committee on the FedIGS Board would require approval by the Councils since it potentially altered the operation of FedIGS. Pedro Sêco e Pinto thought that each of the various sectors might have quite different numbers of companies interested in joining FedIGS so achieving relative representation on the Board could be difficult. He commented further that if there were more members of the Liaison Committee on the FedIGS Board, then the issue of voting rights would need careful consideration.

Niek Rengers thought it important to encourage the involvement of the Liaison Committee in the FedIGS Board but that it was also important to respect the Cooperation Agreement. Fred Baynes agreed that it was essential to involve industry sectors and this will be properly achieved at the Liaison Committee meeting that were scheduled to precede the FedIGS Board meetings. The representative of the Liaison Committee sitting on the FedIGS Board would see to it that the views of the Liaison Committee were properly addressed in the Board Meeting.

In discussion, it was felt that the Cooperation Agreement already allowed for a powerful Liaison Committee that meets with Board and provides key advice on future developments. This is stated in the clauses and in the Cooperation Agreement and this could form an extra slide within the PowerPoint presentation discussion under Item 6. This could ensure that there was no misunderstanding of the strength of the Liaison Committee.

W. Van Impe proposed a first joint meeting with the Board and the Liaison Committee later on this year.

The Board thought that it indeed should convene the Liaison Committee as soon as possible and that this could be in the autumn, when the Board may next meet. At that meeting, companies that had not yet signed up to join the Liaison Committee could perhaps attend as observers. The general feeling was that the Liaison Committee should involve about 20 industry members. It was agreed that the Board should assemble a list of say an additional 50 companies and forward these to the President in good time. Fred Baynes thought that some of the lists of companies circulated by William Van

Impe missed some key players. For example, in the energy sector, BP (Mike Sweeney) and Exxon should be included. Nielen van der Merwe thought that an additional relevant sector was earth moving equipment manufacturers and he agreed to send details to the President within the next two weeks.

#### 8. Web content management system

A website for FedIGS had been created with a public site and combined password protected intranet. The FedIGS Board had been given access to the intranet and were able to review the site. William Van Impe reported the cost as EUR6300 inc. VAT for the site development plus an annual fee of EUR350 for hosting the site. Forecast maintenance and development costs for 2009 were estimated as EUR6000 but this should reduce in 2010. The Board were invited to visit the site and send comments and suggestions on the content and functionality of the public and private sides of the site in the next 2 or 3 weeks. The Board welcomed the today's web-site structure and its working ; it was seen as user friendly and responding to our needs.

Fred Baynes asked what further developments were envisaged. William Van Impe replied that for example a discussion platform could be developed. The Board thought this particular function had been tried by the International Societies and had not proved popular. Overall, it was felt that the main function of the website was as a source of information and that for now, the emphasis should be on increasing information of value to the geo-engineering community. Other comments were on making various action buttons etc only visible if they were on the private site and invisible to the public.

The Board thought that the banner should be amended to include the 3 logos of the Founding Societies and the Secretaries General were asked to send these at their earliest convenience. Another point made was that William Van Impe could buy the domain names fedigs.com, fedigs.net etc to avoid conflicting sites in the future.

#### 9. First Conference FedIGS Hong Kong 2012

William Van Impe reported that he would visit Hong Kong in March 2009 to define a local organising group for the proposed 2012 FedIGS conference. He would also like to have representatives from the FedIGS Board and include the representatives of the Liaison Committee in an advisory role for the conference. William Van Impe wished to clarify this Advisory Group so as to inform the local Organising Committee of the key individuals who would contribute advice to ensure that the conference was a successful flagship event.

John Hudson commented that it was important to develop a strategy that would ensure the conference would be highly attractive to the International Societies and Industry alike. The Founding Societies were quite disparate in nature and considerable thought would be needed to devise conference sessions that were sufficiently broad so as to be attractive to delegates from a wide range of backgrounds. Care would be needed to avoid creating sessions that were only of interest to a narrow group of participants. It would also be important to try and ensure that the ethos of FedIGS was communicated via the presentations in the sessions. In general terms, it was agreed that good use should be made of the Joint Technical Committees since they already, presumably, addressed the issue of finding topics of interest to all the International Societies. It was felt that developing the themes for the conference and conference sessions was of the utmost priority.



William Van Impe stated that he would want three members of the FedIGS Board to be involved on Advisory Committee and remain with it until time of conference. Fred Baynes stated that he was, in general terms, less than enthusiastic about conferences and thought there were already far too many such events. He therefore thought it would be difficult for him to make positive contributions to the conference development. John Hudson expressed similar views and was reluctant to be involved with the conference management. It was pointed out that Advisory Group would not be involved in conference organisation and that these aspects were the responsibility of the local Organising Committee. The Advisory Group would focus on ensuring careful definition of conference and session themes and in selecting appropriate speakers who would deliver lectures of value and in the spirit of the collaboration inherent in FedIGS. It was noted that there would only need to be a maximum of three key meeting of the full Advisory Group, so the time commitment should not be too onerous. Pedro Sêco e Pinto pointed out that it was the responsibility of the FedIGS Board to be involved in ensuring the success of the conference and was willing to contribute the necessary time to support the Advisory Group. After lengthy debate, Fred Baynes and John Hudson agreed, albeit reluctantly, to be involved with the Advisory Group and would undertake the associated tasks to the best of their ability.

The President repeated that he would visit Hong Kong at the end of March 2009 to discuss preliminary views on the general themes and to visit the proposed facilities and options for the plenary and parallel sessions. He would inquire about possible local sponsors and understood that there were already some companies and government ministries offering support. John Hudson offered to ask Martin Knights, President of ITA, for some pointers on ways to attract good industry participation.

Luis Lamas noted that normally, for conferences of the International Societies, the local Member Society or National Group would be organising the conference and took the financial risk for the event. He wondered what group would be covering the financial risk for the FedIGS conference. William Van Impe believed that this would be covered by Hong Kong University and he undertook to clarify this during his visit and meetings in March 2009 with Professor George Tham, the chairman of the organising committee.

#### 10. Joint Technical Committees

To date, eight Joint Technical Committees had been defined. William Van Impe proceeded to deal with these in turn.

JTC1 – Landslides and Engineered Slopes. Despite numerous attempts, William Van Impe reported that he had been unable to get any response from the chairman Willy Lacerda. This was thought to be completely out of character and Neil Taylor offered to contact a colleague in Brazil to see if there was an explanation. The work of this JTC was seen as highly relevant to FedIGS and that the JTC should be seen to make progress. Indeed this topic might be major importance to the first FedIGS international conference in 2012.

JTC2: Representation of Geo-Engineering Data. William Van Impe reported that he had received a brief report and noted that the JTC had been involved in organising workshops. He believed that the JTC was making reasonable progress and would be certainly of great relevance to the industry by 2012.

Fred Baynes asked if a specific report received. William Van Impe produced a printed version of the information received, which Fred Baynes thought was somewhat limited in technical detail. However, according to the President, the main set of all technical material can be overviewed surfing on the various websites indicated in the report of D. Toll.

There then followed discussion on the expectation of reports from JTCs. The Cooperation Agreement and associated Sub-clauses included guidelines for JTCs that indicated the normal mechanism for creating JTCs, determining their membership and expectations for reports. It was felt that these guidelines were not always followed and that JTCs should be again made aware of the need to report and to communicate with the President of FedIGS. It was noted that the last significant reporting by JTCs had been in July 2007 and that the JTCs must, from now on, respect their assumed commitment on reporting effectively and in due time. The President will write another letter to all JTC chairs in this respect.

JTC3: Education and Training. William Van Impe commented that he had received no communication from this JTC. However, in the meeting it was reported that the Chairman of JTC3 had written to other committee members but he had included Fred Baynes in this email rather than the President of FedIGS. Another email from this JTC3 had been copied to Nick Rengers. Fred Baynes undertook to contact the Chairman of JTC3 to explain the importance of communicating with William Van Impe.

JTC4: Professional Practice. The Chairman, Harry Poulos, had reported that this JTC had inherent difficulties since the academic members and practitioner members had very different views on what was needed. He had further reported that he would step down as Chairman immediately after the International Conference in Alexandria October 2009. Tim Chapman (UK) had been suggested as a future Chairman, though William Van Impe wondered if he would have sufficient time to dedicate to the Committee.

There followed considerable discussion on the involvement of the Joint European Working Group (JEWG) in JTC4. The JEWG is chaired by Helmut Bock and following earlier agreement, this group had contributed as a Working Group of JTC4. There was some feeling that JEWG might be seeing that it had completed its work at a European level and was seeking a more International platform. It appeared that the JEWG was seeking to have all its members integrated into JTC4 rather than a sub-group as at present. The JEWG, already in the past, had an important interaction with the JTC4 chair – H. Poulos. William Van Impe undertook to try and discover the true ambitions of the JEWG in respect of JTC4. Regarding the future Chairman of JTC4, Nielen van der Merwe agreed to talk to Dick Stacey (South Africa) to assess his view on the matter. Fred Baynes thought Helmut Bock could also be considered as a future chairman, though Nielen van der Merwe considered that it would be preferable for the Chairman not to be based in Europe. The President fully supported this comment.

JTC5: Sustainable use of Underground Space. William Van Impe reported that he had just only now received a report from JTC5. This was not a particularly technical report, as might have been expected. The Board expressed concern that JTC5 was probably not integrating fully its membership and that the report was largely that of the chairman alone.

In a digression to discussion, it was again commented that there was a need to define precisely the deliverables expected so as to allow improved monitoring of JTC performance and activity.

JTC6: Ancient Monuments & Historical Sites. The President started that such topics are probably not the key issues the Liaison Committee members would be willing to support. Niek Rengers stated that on creating the JTC, the chairman had been encouraged to concentrate on the effect and consequences of construction near ancient sites. Fred Baynes commented that it was important to review the functionality of JTCs, which might reveal some JTCs that did not suit the overall objectives of FedIGS. He felt this would be particularly true for the present JTC6. It was recommended that Fred Baynes should contact Prof. Basile Christaras with a view to disbanding JTC6.

JTC7: Soft Rocks and Indurated Soils. William Van Impe stated that a progress report had been received implying that the JTC was working towards a final report to be submitted at the time of the ISRM Congress in 2011. It was felt that this implied some confusion as to the appropriate recipient of the report and William Van Impe agreed to write to Professor Kanji to inform him that this report was due in time for the FedIGS conference in 2012.

JTC9: Geophysical methods. It was noted that this JTC was functioning well and a good, meaningful progress report had been submitted by Professor in October 2008.

This completed the overview of the present JTCs.

There was some discussion regarding JTC10: Environmental Geo-Engineering. This JTC had not been created though it had often been considered appropriate for FedIGS. The Founding Societies had their own related Commissions or Committees and there would be a need to specify clearly the Terms of Reference that were sufficiently broad to be of relevance to all three Societies while at the same time not being too general so as to lack meaning. It would also be difficult to find an individual who would be able to coordinate such a JTC though Professor E. Kavazanjian at the State University Arizona could be a candidate. It was noted that Professor Paul Nathaniel (IAEG) had just commenced work on a commission relating to engineering geology related to environmental engineering.

In general discussion, concern was expressed on the formation and direction of JTCs. It was felt that rather than rely on the Chairman producing their own Terms of Reference (ToR), it would be better for the Board to first determine the needs of industry and then draft a set of ToR that would meet those needs. There could be some difficulty in finding a suitable Chairman prepared to take on such a prescriptive task, especially as the work is voluntary. Developing Terms of Reference in a more iterative manner might be necessary.

Regarding other JTCs, William Van Impe noted that in his discussions with representatives from industry, a common theme of interest concerned risk and risk management. Nielen van der Merwe considered that mining engineering was an important area though this might need to be restricted to open cast or strip mining to retain applicability to all three Societies.

Fred Baynes thought a new JTC could consider the role of geo-engineering in major projects. William Van Impe pointed out that this was included, already today, in the activities of JTC4 ; though perhaps the visibility of this aspect of JTC4 could be increased.

Sébastien Dupray enquired about the anticipated output of JTCs. William Van Impe hoped that the minimum should be good reports etc published within the proceedings of the 2012 FedIGS conference. More detailed reports, monographs and

short courses would also be beneficial and of great interest. It was agreed that the Liaison Committee should be asked what type of output would be of most interest.

The President added that in our common Liaison Committee and FedIGS Board meetings, the issue of the JTC's (themes, terms of reference and progress made) should always be taken up.

## 11. Any Other Business

Niek Rengers noted that at the previous meeting it had been mentioned that the Irish Geotechnical Society were interested in organising the next conference of JTC3 and wondered if this was still the case. Pedro Sêco e Pinto believed the interest still remained and undertook to make sure William Van Impe had the necessary contact details to progress planning for the event.

Sébastien Dupray noted that some reports and emails relating to items on the agenda could have usefully formed part of the package of documents circulated in advance of the meeting. The Board agreed and William Van Impe undertook to include, whenever relevant, more background information and correspondence in the preparatory papers for future meetings.

## 12. Date and venue of next meeting

After some discussion, it was agreed that the next meeting should be combined with a meeting of the Liaison Committee. William Van Impe had received and open invitation to hold the meeting in the headquarters of DEME in Antwerp and this was accepted. The preferred dates were Monday 9 November 2009 for the Liaison Committee meeting, starting at say 10:00. The Board of FedIGS would then meet the following day on Tuesday 10 November with an earlier start to allow the meeting to finish by say 16:00. Alternative dates of 14 & 15 October were noted. These dates could be used but were considerably less convenient than the November dates.

## FEDERATION OF INTERNATIONAL GEO-ENGINEERING SOCIETIES

### MINUTES OF THE BOARD MEETING

held at:

University Board Room, Escuela de Ingeniería de Obras Públicas, Madrid

10:0 - 15:00, 19 September 2008

#### Present:

Professor William Van Impe (FedIGS President)  
Dr Niek Rengers  
Professor Nielen van der Merwe  
Professor Pedro Sêco e Pinto  
Dr Fred Baynes  
Professor R Neil Taylor  
Dr Sébastien Dupray  
Dr Luis Lamas

#### Apologies:

Professor John Hudson

William opened the meeting by asking if the agenda could be approved.

Pedro made the following comments:

Regarding Board membership, he stated that ISSMGE could have another member and this could be considered in Any Other Business.

John Hudson's email of 31 August 2008 should be considered during the meeting and it was agreed that this would be under Item 7.

William added that there is need for an item 9 – date and venue of next meeting.

Niek would welcome the opportunity to make report from the recent IAEG Council Meeting. This will be in Item 2.

Pedro mentioned that he had received a proposal from the Irish Geotechnical Society regarding the next conference on JTC3 Education; this was noted under item 2.

#### Item 1: Minutes of last meeting.

Re: minutes of the meeting in Ghent, Fred, Sébastien and John should be noted as having tendered their apologies for their absence. William confirmed that these changes would be made and a revised version circulated. The minutes were otherwise approved.

#### Item 2a: Mission Statement.

William commented that he had circulated some "slides" giving the FedIGS mission and goals and he asked for comments, additions, and suggestions.

Pedro stated that within the "messages" it is mentioned that FedIGS is the "peak" international geo-engineering body". This might cause difficulties with other societies and another descriptive word could be chosen. Nielen wondered why this would be the case, since the Sister Societies would automatically be included within the statement. Pedro stated that a similar statement was included on the ISSMGE website under "messages". Fred considered that the essence of a FedIGS message should be that it is an association of the Sister Societies acting with one voice. Neil stated that ISSMGE website included a statement that the ISSMGE is the peak body for soil geo-engineering. The inclusion of "soil" could be interpreted as not conflicting with the FedIGS statement. After some discussion it was agreed that FedIGS should continue promoting itself as the peak geo-engineering body and in general the word "peak" should be used rather than "key", which was also used in the slides circulated by William. Nielen thought that the Board should properly review the messages slides, reducing the verbosity and, as suggested by Fred, making sure that every word counts. Niek points out on slide 12 'JTC industry additional members' which is not in the by laws. However 'strong link with the industry in JTC' should be promoted.

**ACTION :** It was agreed that comments should be sent to William by 3 October 2008 at the latest. These would include re-worked slides with reduced words and better graphics.

Niek commented on Slide 12 regarding membership of JTCs. On the date of this minutes' version, no comments were received.

It was clarified that there were policy statements included with William's slides, which it was noted were not always shown at presentations. William confirmed that these differed

in some phraseology to those of the ISSMGE policy statements and therefore represented FedIGS.

#### Item 2b: Liaison Committee and state of progress.

A clear statement or letter was needed that could be sent to potential members of the Liaison Committee. It would be say 1 – 2 pages of A4 indicating the benefit of FedIGS and making clear why a company should be involved. The letter should be useful to a CEO allowing them to go to their Board and be convincing of the need of their company to be involved both technically and financially with FedIGS. William stated that he would draft and circulate a letter within the next 2 – 3 weeks and would appreciate all comments. The letter would endeavour to be clear on all matters including technical involvement, the need to contribute EUR5000 per annum, the possibility of organising a meeting at their company and that the Company would have one seat on the Liaison Committee for an employee with a suitable high-level geo-engineering profile.

The sorts of company to be approached were listed previously, such as mining industry, equipment manufacturers, suppliers, energy companies, transportation etc. The FedIGS Board were invited to supply names and contacts for such companies. Fred thought that it was first necessary to define the type of company e.g. turnover, international base, private or public sector etc. William thought that there was a need to get some companies involved which then might also attract others. At least, these companies should have a world wide recognition in their domain. It was confirmed that there had been some initiating actions but this could not progress further until the letter and messages document were available. After some debate it was thought that international recognition of a company was a basic consideration. Nielen considered that 80% of activity of major companies generally involved Europe and this would be reflected in the Liaison Committee in due course.

There was an agreed need to identify both companies and points of contact. Nielen thought that the 1-2 page letter may need to be different for different types of company. For example, mining companies might ask why it was necessary to involve soil mechanics but they should see that all types of consultant are involved in mine development. Neil asked if there was a target size for the Liaison Committee. William stated that he thought that the size should be limited to make it run as a 'club that can steer FedIGS' and there would be 15 – 20 companies. Fred thought there could be many more companies that should be involved. A consideration could be then that not all companies would have a seat on the Committee. It was recognised that the committee should comprise major companies with the potential of making a real impact and the individuals on the committee must be geo-professionals.

Nielen commented that there were likely to be four mining companies (BHP Billington, Rio Tinto, Anglo American, Exstrata) that should be involved with FedIGS. He agreed to send within 4 weeks details of the companies and contact details of the key person within the company that William would probably need to meet in person. There were other companies mentioned including FUGRO and VINCI by Niek and others: BP, Shell, TBM manufacturers such as Herrenknecht, Odhebrecht, Japan Piles, Soletanche-Bachy, Harbour of Rotterdam, Naue, etc... This would result in a list of about 20 companies already and they should be contacted and the Liaison Committee established with minimal delay. Companies from China and Korea should also be included.

Action : all to suggest companies and contact details as soon as possible

In summary, the “slides” would be completed within 2 weeks along with the draft letter. A further 2 weeks would be needed for comments to be received on the draft letter and also for details of the suggested companies and contacts. There would then be a further 2 weeks to finalise everything and the formation of the Liaison Committee could then be started by the end of October. Since personal visits to companies would be needed, Fred thought that members of the Board, other than William, with industry contacts should assist with getting them committed to the Liaison Committee.

Pedro asked about the inclusion of other societies such as ITA, IGS etc. William thought that that they would wish to first see FedIGS working properly with a Liaison Committee established before joining the Federation.

Fred commented on the recent IAEG Council Meeting. He had reported on progress regarding the Federation at the IAEG Council Meeting as objectively as possible.

“FedIGS was born on the 25th of January 2008. It should not be considered as a threat to IAEG identity but it actually a great opportunity to collaborate and interface with sister societies and the industry.

The election of FedIGS president took place. In accordance with the cooperation agreement, a secret ballot vote was carried out.

There were two candidates William van Impe supported by ISSMGE and Ricardo Oliveira supported by IAEG and ISRM.

A first vote gave three votes for each candidate. A second postal vote gave 3 votes in favour of W van Impe, 2 votes in favour of R Oliveira, and 1 abstention.

Some people have questioned this outcome.

- The ballot was a secret ballot and the secrecy will be maintained,
- It is a decision of the FedIGS board,
- It illustrates how board members are representative of their Society

A FedIGS board meeting is planned for Friday the 19th. Key agenda points are :

- removal of the veto right of association : I intend to veto this proposal
- liaison committee
- International Year of Planet Earth
- Joint Technical Committees : guidance and chasing

Finally, it is our hope that FedIGS will become financially self-sufficient in 2010.”

The Portuguese representative then questioned how a candidate proposed by 2 Sister Societies could not be elected and queried the procedure of voting.

It was noted that a candidate would rightly be disappointed in not being elected. Regarding the query on the procedure of electing the President of FedIGS, the Board considered that the election procedure had been perfectly correct and fully in accordance with the FedIGS Agreement.

Item 3: FedIGS Conference 2012.

William had considered Hong Kong as a suitable venue for this conference but before progressing further asked if other countries or areas should be considered.

Fred wondered who would take the financial risk of the conference. It was envisaged that representatives of the ISSMGE, ISRM and IAEG in Hong Kong could form a sort of consortium and organise the conference at their own risk. Pedro stated that at the previous meeting of FedIGS it was thought that other countries could be asked but that these might have some disadvantage. After due consideration it was agreed by FedIGS that Hong Kong would be a suitable venue. Pedro noted that when he was in China recently, he met some colleagues from the ISSMGE Hong Kong Member Society and mentioned the possibility of the FedIGS conference. A proposal for hosting the conference was subsequently prepared and submitted by Professor George Tham to Pedro and William.

Action : Niek and Pedro to update William on previous discussion people in Hong Kong

After some discussion it was agreed that William should contact the people in Hong Kong clarifying that FedIGS would like to have its 2012 conference in Hong Kong. Hong Kong was felt to be an appropriate location as it provided a good fusion of East and West and had excellent involvement of geo-engineering and geo-engineers. A properly formed organising committee would be established that would involve representatives of the Sister Societies. After this had been agreed with the President of FedIGS, details of the date and venue for the conference would be agreed, taking into account the envisaged number of delegates and other relevant issues. In due course, an Advisory Committee would be established involving as appropriate the Board of FedIGS to determine suitable themes etc.

Regarding Themes for the conference, William reviewed those of GeoEng2000 and noted that these linked to many of the current and proposed Joint Technical Committees. After some discussion it was agreed that following the formalisation of the Mission Statement of FedIGS, the JTCs could be reviewed to ensure good coverage and relevant Terms of Reference related to the FedIGS mission. The themes, structure and general desired organisation of the conference would follow from this. William would proceed with organising the conference in Hong Kong and report on progress at the next meeting.

It was considered that 5% or 10% of registration fee income should be remitted to FedIGS but that this would be finalised in due course.

Item 4: Joint Technical Committees.

At the meeting in Ghent, it had been agreed that the Presidents of the Sister Societies should contact the JTCs of which they were hosting that they would now be under the guidance of the President of FedIGS. ISRM had written to relevant chairmen of their JTCs. Pedro had contacted the relevant ISSMGE chairmen thanking them for their contribution and stating that the President of the FedIGS would now guide the work of the JTCs. Pedro stated that he would send copies of this correspondence to William. Fred agreed to contact similarly the JTCs hosted by IAEG in due course and with due urgency.

Action : Fred to contact JTCs hosted by IAEG

William would then contact the present JTCs and organise any revision regarding membership, terms of reference and actions envisaged within the next 4-year term. The administrative issues related to JTCs are stated clearly within the Sub-clauses of FedIGS and William would in the future chase the required annual reports. It was noted that the JTCs were no longer reporting to the Councils of the Sister Societies and that JTC Chairmen would not automatically be invited to those meetings.

#### Item 5: Logo and website for FedIGS.

It was considered that there should be a logo to indicate a global representation. The logo should not be limited to the Sister Societies alone and should not just be an amalgamation of the logos of the Sister Societies. A logo should reflect sustainability (letters of the acronym to be in green for example). A simple globe with incorporated acronym was envisaged and William proposed that he would circulate some ideas within the next week.

William tabled a proposal for a FedIGS website. The site would be based on a Web Content Management System that allows authorised users to update the site. It was envisaged that JTCs would have access and be able to create their pages and add reports, details of forthcoming events etc. The proposed costs were seen as reasonable and possibly low for creating a website. A question remained on the ease and thus potential on-costs of updating the website. It was considered that a cost-effective route might be to engage a research student to update content and add new pages etc.

Action William : investigate what would be the cost and nbr of hour to maintain the website

Nielen noted that the Sister Societies would each need to obtain approval regarding the change of acronym to FedIGS. The change was agreed unanimously. The cooperation agreement would require minor amendment and this should be approved at the upcoming Council Meetings of the Sister Societies.

#### Item 6: IYPE.

William reported that, following the meeting in Ghent, he wrote to Dr Woodfork expressing concern on the lack of progress of the International Year of Planet Earth regarding geo-engineering. Despite continued efforts it has not been possible to arrange a meeting between William and Dr Woodfork. It appeared that Dr Woodfork may have a strong interest in geo-engineering but others on the IYPE Board may be less supportive. After some discussion it was agreed that the FedIGS Board would no longer be concerned with the IYPE. Since the Sister Societies had supported the IYPE at its inception they should leave reference to their respective society on IYPE publicity. It was agreed that a polite letter should be sent to Dr Woodfork expressing the sentiments of the FedIGS regarding IYPE and Fred agreed to draft this.

#### Item 7: Specific Cooperation Agreement items 11.3 and 11.4

William asked the Board to consider if the veto conditions expressed in the Cooperation Agreement were too restrictive. Niek recalled that the initial objective of the veto right was to make sure that Sister Societies would work to find a consensus. Pedro added that FedIGS should avoid deviance from the initial spirit. The general feeling was that the veto right

should remain to protect the concerns of the Sister Societies. However, it was also felt that the veto right should not be used to affect the general operation of the Federation.

Item 11.3 in the Cooperation Agreement concerns proxy votes. It was considered that a Board Member should carry not more than one proxy vote.

Luis reminded the Board that an email sent by John Hudson should be considered. John had expressed some frustration with the progress of FedIGS and that if there continued to be an apparent lack of progress, the ISRM would review its membership of the Federation. Nielen had written to the Board to express some sympathy with these views but also to suggest that the responsibility for progress was not only for William but also for all the Board. The respective Councils had also agreed the financial issues and these should not give cause for concern. William stated that he did not want to create a financial burden but that it needed to be recognised that FedIGS matters could not be underwritten from University budgets etc. This may hinder travel arrangements and it may be necessary to arrange meetings in association with other events.

Luis added that it would be important some have some visible output soon, such as actions of the JTCs, creating of the Liaison Committee, etc. In addition, meeting should be organised in such a way that all voting members can attend.

After some discussion, it was agreed that the Board Members present wanted FedIGS to continue and make progress and there should be extra effort by the whole Board to ensure visible progress in the near future.

#### Item 8: Any other business.

William had written to Pedro requesting time during the Council Meeting in Alexandria to present progress of the Federation. Pedro outlined the general procedure and that he intended to inform Council of the various meetings that had taken place etc. There would then follow discussion during which William could make a contribution. However, it was not possible yet to indicate what time would be available for discussion. In discussion it was agreed that the FedIGS President would be invited to Council Meetings and, if the invitation could be accepted, the President would make an appropriate contribution to the meeting and answer such questions as may arise.

William tabled a suggestion of headings for the annual budget. It was agreed that the budget should be simple with two main sections: Income and Expenditure. The subheadings suggested by William seemed reasonable and he agreed to circulate a proposed budget in due course.

Pedro reminded the Board that Sub-clause 3, section 2 there was a statement “if one of the immediate past presidents is elected FIGS president the pertinent Member shall appoint another FIGS Board Member”. It was noted that at the ISSMGE Council Meeting on 4 October 2009, the next ISSMGE President would be elected and would join the FedIGS Board with Pedro remaining a member as ISSMGE immediate past president. There would probably be only one Board Meeting of FedIGS prior to that Council Meeting and it was seen as unnecessary to add another member from ISSMGE for just one meeting.

Pedro commented that he had received a request from the Irish Geotechnical Society to organise the next JTC3 confer-

ence on Geo-engineering Education. He would forward this to William to take action as appropriate.

It was noted that there had been a proposal from Frans Barends for a JTC on Smart Soils. However, it was seen as important to get the other JTCs functioning first before starting new committees. William would write accordingly to Frans.

Item 9: Next meeting.

The next meeting would probably need to be around February or March 2009. Nielen commented that the ISRM had been trying to get links with Egypt for some time and that a meeting in Cairo would be useful. It was noted that ISSMGE had a meeting arranged in Cairo for 21 and 22 February 2009 and William, Pedro and Neil would already be there. The FedIGS Board could then meet on 23 February, or say 19 February if that was better. Also, if necessary, that meeting could be rescheduled by a week or so, though the ISSMGE Board meeting in USA in mid-March could not be moved. The Board were unanimous that John Hudson should be at the next meeting and the others would then make arrangements to be available for the meeting. Luis agreed to contact John with due urgency to establish his availability. It was agreed that the next meeting would be a full day, with a dinner before or after as appropriate.

Minutes of November 25th 2008

## ANNEX 2

Federation of International Geo-engineering Societies

Joint Technical Committees

Joint Technical Committees of the Sister Societies ISSMGE, ISRM and IAEG

JTC No	Title	Chairman	Hosted by
JTC1	Landslides and Engineered Slopes	Willy Lacerda	ISSMGE
JTC2	Representation of Geo-Engineering Data	David Toll	ISSMGE
JTC3	Education and Training	Prof. Gonzalez de Vallejo	IAEG
JTC4	Professional Practice	Harry Poulos	ISSMGE
JTC5	Sustainable Use of Underground Space	Ed de Mulder	IAEG
JTC6	Ancient Monuments / Historical Sites (IAEG)	B. Christaras	IAEG
JTC7	Soft Rocks and Indurated Soils (ISRM)	Milton Kanji	ISRM
<i>JTC9</i>	<i>Geophysical Methods (not activated)</i>	<i>Koichi Sassa</i>	<i>ISRM</i>

Note: Committees in Italics above are not presently considered as Joint Technical Committees. They were not updated after Nottingham.

## JTC1: LANDSLIDES AND ENGINEERED SLOPES (ISSMGE)

Chairman: Willy Lacerda (Brazil)

Dr. Anna Laura L.S. Nunes

Honorable Member of JTC1:

Emeritus Professor Robin Fell

Emeritus member of JTC 1

Dr. Robert Schuster, Scientist Emeritus

Core Members:

ISSMGE

Prof. Luciano Picarelli (Italy)

Dr. Wong (China)

Prof. Serge Leroueil (Canada)

ISRM

Prof. Herbert Einstein (USA)

Dr Veronique Merrian-Soukatchoff (France)

Professor Gian Paolo Giani (Italy)

Terms of Reference:

1. Discussing, advancing and developing the science and engineering of landslides and engineered soil and rock slopes.
2. Encouraging the collaboration of those who practise in soil mechanics, rock mechanics, engineering geology, mining engineering, geomorphology and geography; as applied to landslides in natural and engineered slopes.
3. Fostering and organizing Conferences, Symposia and Workshops, including the International Symposia on Landslides, which are held at four year intervals.
4. Contributing to the International Congresses and Conferences of the ISSMGE, IAEG and ISRM.
5. Fostering the development, and implementation into the community, landslide hazard identification, monitoring, modeling, risk assessment techniques, risk tolerance criteria, and landslide risk management.
6. Fostering the organization of training schools, and preparation of guidelines, and codes of good practice to allow the transfer and implementation into general practice of new developments.

Planned Activities:

10th ISL in June, 2008, in Xi'an, China

Fast Slope Movements —Workshop, 2007

Workshop on Landslides in Tropical and Volcanic Soils – 13th Pan-American CSMGE), July 2007, Venezuela.

Members of JTC1:

ISSMGE:

Mr Rejean Couture

Canada

Mr Oldrich Hungr

Canada

Prof Ivo Herle

Czech & Slovak

Dr Spyros Cavounides

Greece

C. Scavia

Italy

Hyuck Jin Park

Korea

Binod Tiwari

Nepal

Engr. Dr GR Otoko

Nigeria

Prof. A Demin

Russia

Prof. Altay Birand

Turkey

ISRM:

Mr Ian Nettleton

UK

Prof. David Petley

UK)

Dr M. Wittke

Germany

Prof. Yaoping

China

Prof. Wang Yuan

China

## MEETINGS HELD

The JTC-1 began its activities in January of 2006.

Its first meeting was held in Barcelona, September 17, just before the “Workshop on Susceptibility, Hazard and Risk Zoning”, which lasted from the 18TH to the 21TH of September, at the Civil Engineering School of Barcelona, Technical University of Catalonia, Barcelona, with the presence of 12 members.

1) July, 2007 – during the 11th International Congress of the ISRM, July 2007, Lisbon, in which a special session of JTC-1: Specialty Session S 01 on Rockfalls, under the responsibility of Dr. H. Einstein took place;

2) December, 2007 – during the event “HONG KONG 2007”, a new version of the Workshop on Fast Slope Movements – to be held in Hong Kong, December 2007, in conjunction with the activities related to the 30th anniversary of the GEO. It is being organized by H. N. Wong, H. W. Sun and L. Picarelli. All of them are members of JTC-1.

## Activities of the JTC1.

In 2006, had two Workshops: The Workshops of Barcelona, “Workshop On Guidelines For Landslide Susceptibility, Hazard And Risk Zoning” chaired by Dr. Jordi Corominas, in Barcelona, and the “Workshop on the Mechanics and Velocity of Large Landslides”, held in Saint Vincent, Italy from 25th to 28th September, 2006, whose Organizing Committee was composed by Prof. Claudio Scavia, Dr. Christophe Bonnard, Dr. Eric Leroi, Prof. Eddie Bromhead and Prof. Robin Fell, were both very interesting initiatives, with a good attendance and excellent results.

Also, the Laram School, “Landslide Risk Assessment and Mitigation School”, held in Ravello, Italy, from 4 to 15 September 2006,

In 2007 the following activities took planned:

- The “International Conference on Climate Change and Landslides”, to be held on the Isle of Wight, United Kingdom in May 2007, under the Chairmanship of Dr. R. McInnes (IAEG);
- The 11th International Congress of the ISRM, July 2007, Lisbon, in which a special session: Specialty Session S 01 on Rockfalls, under the responsibility of Dr. H. Einstein will take place;
- “HONG KONG 2007”, a new version of the Workshop on Fast Slope Movements – to be held in Hong Kong, December 2007, in conjunction with the activities related to the 30th anniversary of the GEO. It is being organized by H. N. Wong, H. W. Sun and L. Picarelli.

Proposal of a book “Understanding landslides through case histories” by S. Leroueil and L. Picarelli. This initiative is very interesting, and will exhibit well documented case histories that will be fed by the authors and by members of JTC1 who have good landslide data.

“IAEG, ISSMGE, ISRM Classification for landslides” - It was suggested by R Fell that it would be a good idea for JTC 1 to work to develop a landslide classification method which would be adopted as the IAEG, ISSMGE and ISRM. The timetable is to begin work in about 6 months, working towards practical completion at the ISL in Xian

## JTC2: REPRESENTATION OF GEO-ENGINEERING DATA (ISSMGE)

Chairman: David Toll (UK)

Core Members:

## ISSMGE

B. Rydell (Sweden)  
Jean Benoît (USA)  
Prof. K.K. Phoon (SEAGS)

## ISRM:

Prof. Gernot Beer (Austria)  
Prof. Chikaosa Tanimoto (Japan)  
Dr Robert Hack

## IAEG

Dr Filippo Catani (Italy)  
Ger de Lange, (The Netherlands)  
Dr Da-an Liu, (P.R. China)

## Terms of Reference:

1. To oversee the development of an internationally agreed form of representation of geo-engineering data that can be used to store such data on the World Wide Web and transfer data between computer systems. The data representation scheme will address: (a) Ground investigation (“bore-hole”) data; (b) Commonly-used laboratory test data; (c) Commonly-used insitu test data; (d) Data about geotechnical entities such as foundations, retaining structures, dams and embankments
2. To maintain webpages defining the agreed data representation scheme
3. To approve changes to the data representation scheme proposed by users
4. To promote the exchange of information about electronic representation and transfer of geo-engineering data
5. To promote sessions on electronic data representation at international and regional conferences on geo-engineering, and to support special geo-engineering conferences related to this field

## Planned Activities:

9-13 July 2007 The organisers of 11th Int. Cong. ISRM to be approached about organising a workshop or special conference session related to JTC2 work (and associated committee meeting).

2008 (Provisional) Possible International Conference on Information Technology in Geo-Engineering to be organised by JTC2

2009 (Provisional) The organisers of 17th ICSMGE to be approached about organising a special conference session related to JTC2 work (and associated committee meeting).

## Members of JTC2:

## ISRM:

Dr Liu Da'an (China)  
Prof. Li Zhongkui China)

## Core members

Prof. Gernot BEER, Graz University of Technology, Austria (ISRM)  
Prof. Jean BENOÎT, University of New Hampshire, USA (ISSMGE)  
Dr Filippo CATANI, University of Firenze, Italy (IAEG)  
Ger DE LANGE, TNO, The Netherlands (IAEG) (Secretary)

Robert HACK, ITC, The Netherlands (ISRM)  
 Assoc. Prof. Kok Kwang PHOON, National University of Singapore (ISSMGE)  
 Dr Da-an LIU, Institute of Geology and Geophysics, P.R. China (IAEG)  
 Bengt RYDELL, Swedish Geotechnical Institute, Sweden (ISSMGE)  
 Prof. Chikaosa TANIMOTO, Osaka University, Japan (ISRM)  
 Dr David TOLL, Durham University, UK (ISSMGE) (Chair)  
 Ordinary Members  
 Prof. Michael Sakellariou, National Technical University of Athens, Greece (ISSMGE)  
 Mr Phillip Wade, Datgel, Australia (ISSMGE)

#### Activities

- A website for JTC2 has been established at <http://www.dur.ac.uk/geo-engineering/jtc2>.
- The first meeting of JTC2 was held at Durham University, UK on 25-26 May 2006
- A workshop was held on September 9th 2006 as part of the 10th IAEG Congress in Nottingham, UK with 14 speakers from Austria, Australia, China, the Netherlands, USA and UK. This was a highly successful event that brought together the major players in defining representations schemes from different areas of geo-engineering and geoscience. A selection of papers from the workshop will be published as special issue of the Electronic Journal of Geotechnical Engineering (<http://www.ejge.com>)
- A Special Session on "Rock Mechanics Data: Representation and Standardisation" will be held at the 11th ISRM Congress in Lisbon, Portugal (9-13 July 2007). This has been jointly organised by JTC2 and the ISRM Commission on Case Histories in Rock Engineering. Provisional plans involve 7 speakers from Austria, Canada, China, Greece, The Netherlands and UK
- A workshop will be organised at the 13th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering to be held in Kolkata, India in December 2007. This will be organised jointly with Asian Technical Committee 10 on "Urban Geo-informatics"

#### JTC3: EDUCATION AND TRAINING (IAEG)

Chairman: Prof. Gonzalez de Vallejo (Spain);  
 Secretary: Dr Aurea Perucho

#### Core Members

##### ISSMGE:

Prof. Waldemar Hachich (Brazil)  
 Prof. Mark Jaksa (Australia)  
 Prof. Iacint Manoliu (Romania)

##### ISRM:

Prof. Marek Kwasniewski (Poland)  
 Prof. Cai Meifeng (China)  
 A third member will be confirmed later

##### IAEG

Prof. Rafiq Azzam, (Germany)  
 Prof. Hyeong-Dong Park (Korea)  
 Prof. A.K. Turner (USA)

#### Terms of Reference

The Joint Technical Committee JTC 3: Education and Training will function in accordance with the Guidelines as

defined by the presidents of the ISSMGE, IAEG, and ISRM in their meeting in Paris on November 11, 2005. In particular this means that the JTC is responsible for

1. Discussing, developing and advancing the university education and professional training in the three geo-engineering disciplines; to address issues referred to it by the Presidents of the Sister Societies including solving thematic and practical questions or studying wide-spread problems in the broad field of education and training..
2. Encouraging the collaboration of those who practice in education and training in the geo-engineering disciplines
3. Fostering and organizing Conferences, Symposia and Workshops
4. Contributing to the International Congresses of ISSMGE, IAEG, and ISRM
5. Fostering the exchange and spreading of knowledge about education and training in the geo-engineering disciplines as available from sources of the most current technical information in their fields of expertise.
6. Fostering the organization of training schools and preparation of guidelines and training packages.
7. Maintaining a website to spread the knowledge in the JTC to the individual members of the ISSMGE, IAEG, and ISRM

More specifically the JTC 3 will be working on:

8. Elaboration and maintenance of a State of the Art Report on Education and training in Engineering Geology (EG), Soil Mechanics(SM) and Rock Mechanics (RM).  
 The objective of this report is to monitor the situation of the above mentioned disciplines in a worldwide scope. Focus of attention should be:
  - where EG,SM and RM is taught. Regional and/or continental divisions could be established
  - How EG,SM and RM are taught. Programs and credits should be included. Undergraduate and post-graduated studies should be referred to.
  - A list of main universities and higher educational centres should be provided, with web pages and other useful information, if possible.
 This JTC task a matter of work over longer periods of time, where the resulting report will improve in content over the years.

9. Preparation of Guidelines and Suggestions for University Educational Programs in the Geo-engineering disciplines (EG, SM and RM) The JTC 3 will prepare a report on the content, programs, pre-requirements and credits for the 3 geo-engineering disciplines at Bachelor and Master level. The work will be carried out in a number of stages, from mainlines to detailed, each of which stages will be open for discussion to the National Groups and Councils of the three associations. The definition of the curricula for each of the three disciplines as major topic will be accompanied by the definition of the curriculum required for the minors in the two other disciplines.

The work on this task will be based on the definition of the three disciplines as outlined in the report by the Joint European Working Group of the three Geo-engineering associations presented in 2004 by its chairman Helmut Bock.

Due to the specific requirements resulting from the Bologna declaration which only affect the European Union members, an ad-hoc report will be presented on the short term to



be presented to the European National Groups and the European Union authorities.

#### Members of JTC3:

##### ISSMGE:

Dr. Jocelyn L H Grozic	Canada
Andrew Malone	Hong Kong
Prof. E Dembicki	Poland
Dr Mikhail Korolev	Russia
Prof. Marina Pantazidou	Greece
G. Barla	Italy

##### ISRM:

Prof. Huang Hongwei	China
Prof. Wang Jin'an	China

#### a) 4 Sub-Committees(SC) have been formed:

- SC 1-EG: Engineering Geology:
- SC 2-SM: Soil Mechanics and Geotechnical Engineering
- SC 3-RM: Rock Mechanics
- SC 4.GH: Geohazards

#### Meetings and Planned Activities

- 1st meeting was held in Nottingham, in the 8th of September, 2006.
- 2nd meeting was held in Singapore, in the 9th of November, 2006.
- In Lisbon, in July, 2007, during the ISRM Int. Congress
- In Madrid, in September, 2007, during the ISSMGE European Conference
- In Romania, in 2008, during the International Conference of Education and Training in Geo-Engineering, organised by Prof.Manoliu, ISSMGE
- In Madrid 2008, during the Euro-Engineering Regional IAEG Conference
- In Alexandria, in 2009, during the Congress of the ISSMGE

#### JTC4: PROFESSIONAL PRACTICE (ISSMGE)

Chairman: Prof. Harry Poulos (Australia)

#### Core Members

##### ISSMGE:

Luc Maertens (Belgium)  
Luiz de Mello (Brazil)  
Dr. Za-Cheih Moh (Taiwan)

##### ISRM:

Prof. Chung In-Lee (Korea)  
Dr Dick Stacey (South Africa)  
Prof. Wulf Schubert (Austria)

##### IAEG:

The following members were mentioned but not formally appointed as Core members:  
H. Bock (Germany), R. Chartres (UK), R. Oliveira (Portugal), Tepel (USA), and B. Shi (China)

#### Terms of Reference:

1. Develop strategies to enhance the status & role of geo-professionals in major projects.

2. Encourage the integration of the various disciplines of geo-engineering into professional practice.

3. Document & promulgate principles of good geo-practice, including peer review procedures.

4. Develop guidelines for appropriate remuneration of geo-professionals.

5. Explore alternative modes of involvement in major projects, for example, alliances, project-based associations and partnerships, etc.

Assemble information on professional practice & requirements in various parts of the world.

#### Planned Activities:

2005-2008: Development and assembly of reports from the various task groups.

2007: Possible meeting of the core committee at appropriate regional conferences.

2009: Preparation and presentation of consolidated report to ISSMGE, including a document setting out

- the ISSMGE position on good geotechnical-practice.

- Session on Professional Practice at the 17th ICSMGE in Alexandria.

#### Members of JTC4:

##### ISSMGE:

Mr Peter L Wu, Canada  
Raymond KS Chan, Hong Kong  
Yu-Hsing Wan, Hong Kong  
V. Caputo, Italy

##### ISRM:

Dr Claus Erichsen, Germany  
Prof. Li Shucai, China

#### REPORT ON ACTIVITIES OF JOINT TECHNICAL COMMITTEE JTC4 – PROFESSIONAL PRACTICE

#### COMMITTEE MEMBERSHIP

In addition, the following persons have been nominated or co-opted on to the committee:

- Dr. Jan Hellings (UK)
- Mr. Tim Chapman (UK)
- Mr. David Starr (Australia)
- Martin van Staveren (Netherlands)

#### TASK GROUPS

In line with the objectives of JTC4, the following Task Groups have been set up. The group chairperson is indicated in parentheses:

1. Task Group 1 – Status of Geo-Professionals (Z-C. Moh)
2. Task Group 2 – Interaction and Integration Among Geo-Professionals (H. Bock)
3. Task Group 3 – Geotechnical Risk Reduction (T. Chapman)
4. Task Group 4 – Remuneration of Geo-Professionals (H. Poulos)
5. Task Group 5 – Alternative Modes of Involvement of Geo-Professionals in Major Projects (B. Shi)
6. Task Group 6 – Involvement in International Projects by Geo-Professionals – Opportunities and Problems (J. Hellings).

## PROPOSED PLAN OF ACTION

Each Core Member is involved in at least one of the above Task Groups.

It is expected that interaction among committee members and Task Group members will be primarily by email, and if necessary, via video or telephone conference calls.

The inputs of the Task Groups will be assembled to produce draft documents which will be reviewed by all Committee Members and co-opted members, prior to being finalized and released at the 2009 ISSMGE International Conference in Alexandria Egypt, and also at appropriate meetings of ISRM and IAEG.

## USE OF EXISTING INFORMATION

It seems very likely that a considerable amount of information already exists in all of the above task categories. It is envisaged that Task Groups should not attempt to generate all-new work but rely largely on assembling what already exists in a number of places that may not be well-recognized by all of our colleagues. Thus, I would see our committee as being primarily a gatherer of existing information, while at the same time developing any new ideas and concepts that may be appropriate.

## PLANNED MEETINGS

It is intended to hold a meeting of JTC4 at the forthcoming Australia – New Zealand Geomechanics Conference in Brisbane in October 2007. Beyond that, no meetings are planned until the next ISSMGE International Conference in Alexandria in 2009. At that time, the Committee Report will be presented and hopefully will lead to a policy document that will be released by the three Sister Societies.

### JTC5: SUSTAINABLE USE OF UNDERGROUND SPACE (IAEG)

Chairman: Dr Ed de Mulder  
Core Members

ISSMGE:  
Prof. W. Wittke (Germany)  
Prof. Charles Ng (Hong Kong)  
Dr. Tarcisio Celestino (Brazil)

ISRM  
Prof. Luís Ribeiro e Sousa (Portugal)  
Prof. Sergey Yufin (Russia)  
Prof. Shunsuke Sakurai (Japan)

IAEG:  
The following members were mentioned but not formally appointed as Core members:  
B. Riddolls (New Zealand), B. Marker (UK), M. Eggers (Australia), K. Nenonen (Finland), D. Beetham (New Zealand), H. Zhu (China)

### Terms of Reference

#### Aims

The Joint Technical Committee (JTC) aims to generate increased scientific and public attention for the relevance of the underground as a potential realm and medium for solving societal problems at surface in an economical and environmen-

tally sustainable way, and to address geo-engineering issues related to this ambition.

#### Objectives

Implementation of these aims is anticipated through:

- Advancing the science involved for developing underground space and its related environmental and economic aspects;
- Mapping the current international and national networks of relevant scientific and professional parties in this field;
- Encouraging cooperation between such parties and the JTC;
- Acting as a platform for those professionally dealing with the use of underground space;
- Compiling and publishing a monograph on the sustainable use of underground space;
- Presenting relevant papers in conferences and publishing scientific articles on this topic;
- Organising international workshops, symposia and training activities
- Reporting the JTC results to the leaderships of IAEG, ISSMGE and ISRM;
- Communicating JTC achievements to the individual memberships of these three Associations and Societies, e.g. through contributions in international congresses, symposia and workshops organised by these parties;
- Developing and maintaining a dedicated website.

#### Planned Activities:

#### Members of JTC5

ISSMGE:  
Prof. Chong Kyu Lee Korea

#### **Progress Report in the Joint Technical committee 5:** Sustainable Use of Underground Space (SUUS)

By Eduardo F.J. de Mulder, Chair JTC5

Date: 14 January 2007

#### Present composition

By today, the following positions are confirmed:

ISRM: Ribeiro e Sousa (Portugal)  
ISRM: Sergey Yufin (Russia)  
ISRM: Shunsuke Saurai (Japan)  
ISSMGE: W. Wittke (Germany)  
ISSMGE: Tarcisio Celestino (Brazil)  
ISSMGE: Charels NG (Hong Kong, China)  
IAEG: Riddolls (New Zealand)  
IAEG: Marker (UK)

#### Meetings held

One informal and exploratory meeting was held in Nottingham (UK), at the IAEG Congress, in September 2006.

#### Meetings planned

The first full JTC5 meeting is scheduled during the ACUUS Congress to be held from 10 to 13 September, in Athens, Greece. Another business and scientific meeting is scheduled for the International Geological Congress in Oslo, August 2008.

#### Results

Informal partnerships are being established with ACUUS, the Megacity Theme of the International Year of Planet Earth (IYPE), the IUGS Working Group on Urban Geology, and the Geo-Unions (IUGS, IUGG, IGU, IUSS, INQUA, IAU and

ISPRS) initiative on Megacities. This activity partly addresses Objectives 2 and 3.

A monograph on 'Sustainable Development and Management of the Shallow Subsurface' is in the stage of completion. The monograph will be published late 2007 by the Publishing House of the Geological Society London (UK). This activity addresses Objective 5 and the publication will set the stage for Objectives 1 and 6.

#### JTC6: ANCIENT MONUMENTS/HISTORICAL SITES (IAEG)

Chairman: Prof. B. Christaras (Greece)

##### Core Members

##### ISSMGE:

Dr Christos Tsatsanifos (Greece)

Dr. Efrain Ovando-Shelley (Mexico)

Dr. Yoshinori Iwasaki (Japan)

##### ISRM

Yosef Hatzor (Israel)

Emilio Velloso Barroso

##### IAEG:

The following members were mentioned but not formally appointed as Core members:

C. Margottini (Italy)

H. Li (China)

L. Zhang (China)

X. Wang (China)

##### Terms of Reference

The Joint Technical Committee JTC 6: Ancient Monuments/Historic Sites will function in accordance with the Guidelines as defined by the presidents of the ISSMGE, IAEG, and ISRM in their meeting in Paris on November 11, 2005. In particular this means that the JTC is responsible for

1. Discussing, developing and advancing methods and techniques to improve the geo-engineering aspects which play a role in the preservation of ancient monuments and historic sites; to address issues referred to it by the Presidents of the Sister Societies including solving thematic and practical questions in this field.
2. Encouraging the collaboration and acting as a platform for those who practice in this aspect of the geo-engineering disciplines
3. Fostering and organizing Conferences, Symposia and Workshops
4. Contributing to the International Congresses of ISSMGE, IAEG, and ISRM
5. Fostering the exchange and spreading of knowledge about the geo-engineering aspects of the preservation of monuments/historic sites as available from sources of the most current technical information in their fields of expertise.
6. Fostering the organization of training schools and preparation of guidelines and training packages.
7. Maintaining a website to spread the knowledge in the JTC to the individual members of the ISSMGE, IAEG, and ISRM

#### 2) Topics for scientific interpretation:

1. underpinning,
2. foundation layer treatment,
3. construction material quality improvement,
4. slope stability improvement,
5. special excavation techniques for tunnels below historical buildings and monuments,
6. support of caves
7. building materials (stones and mortars)
8. In situ and laboratory techniques for measuring the weathering of stones

3) E-mail discussion among the members for organizing the scientific job. The different topics will be preliminarily interpreted by the members in collaboration of other specialists.

4) A symposium on the above aspects is scheduled to be organized on the above topics after 3 years, probably at the next IAEG Congress.

#### JTC7: SOFT ROCKS AND INDURATED SOILS (ISRM)

Chairman: Prof. Milton Kanji (Brazil)

##### Core Members

##### ISSMGE:

Prof. Juan Bosio (Paraguay)

##### ISRM:

Prof. R. Ribacchi

Prof. Sérgio Fontoura

##### IAEG:

The following members were mentioned but not formally appointed as Core members:

P. Samte (USA), Durville (France), R. Cojean (France), d'Elia (Italy), M. Bauer (Germany), Y. Zhang (China)

Terms of Reference: Draft being finalized

##### Planned Activities:

##### Members of JTC7

##### ISSMGE:

Prof Ivo Herle. Czech & Slovak

Prof. Dipl.Ing Hubert Quick, Germany

Dr Dimitris Zekkos, Greece

S. Aversa, Italy

Prof. Ludmila Cherkasova, Russia

##### ISRM:

Dr Fritz Wagener (South Africa)

#### **Federation of International Geo-engineering Societies (FIGS)**

*Guidelines for Joint Technical Committees (JTCs)*  
(approved by FIGS Board meeting, Lisbon January 22, 2007)

##### **1. General**

This guideline supplements FIGS Clause 13. It defines the way Joint Technical Committees are appointed, how their terms of reference are fixed, how and where they shall meet and how they shall report.

## 2. Proposals, terms of reference

Proposals for the installation of Joint Technical Committees may be formulated by Board Members or Liaison Committee members and shall be presented in written to the Federation Secretariat.

A proposal for the installation of a Joint Technical Committee shall contain the following items:

- proposed title
- the technical question(s) to be addressed
- justification: how important is it that the questions are answered and why is this a task for FIGS
- terms of reference: definition of the broad terms of reference, with a list of the tasks to be performed, reports to be presented and a well defined time schedule
- suggestion with one or more names for the chairperson of the JTC

The format and the approval procedure for all reports shall be included in the terms of reference.

The proposal shall be included in the agenda for the next Board meeting.

## 3. Appointment of JTC, chair person, and (core-) members

The Board shall take a decision about the installation of the proposed JTC and about the title, question to be addressed and terms of reference for the JTC.

The Federation Board may appoint Joint Technical Committees for a maximum term of office of 4 years.

Joint Technical Committees are composed as follows:

- chairperson
- core members (together with the chair forming the core-group)
- co-opted members
- corresponding members

Sub-committees (composed of core-members and/or co-opted members and/or corresponding members) may be appointed by the core-group to study individual aspects of the JTC theme.

The Federation Board appoints the chairperson for the JTC who is personally responsible for the successful operation of the JTC and the achievement of its goals within the agreed time schedule. Furthermore the chairperson shall be responsible that the activities of the JTC are carried out in accordance with the Clauses and Sub-clauses of the FIGS. The Member organisation backing the chairperson is hosting the JTC and carries special responsibility for the accomplishment of the tasks of the JTC.

Additionally each Member organisation is represented with up to three core members in a JTC. Each Member organisation brings forward candidates for its three available positions.

The final composition of the core-group has to be reviewed and approved in a Federation Board meeting. The core group as a whole shall be composed in such a way that is has a good coverage of the knowledge fields relevant for the JTC theme and also a reasonable regional spreading. The individual (core-) members do not act as representatives raising the interests of countries, regions or one of the Member organisations.

The core-group can co-opt members with specialised skills and in order to ensure widespread international representa-

tion. Co-opted members shall be invited to attend JTC core-group meetings as observers without voting rights.

Corresponding members can be nominated by National Groups/Member Societies of the FIGS Member organisations to the JTC chairperson. The core-group decides on such nominations. Corresponding members have no right to attend core-group meetings, but can be invited to do so without voting right.

The core group can appoint a secretary (without voting rights, unless the secretary is also core-member) of the core group, with the task to assist the chairperson with the secretarial tasks necessary for an adequate functioning of the JTC.

The Federation Board has the right to terminate the existence of a JTC or dismiss the chairperson and appoint a new chairperson for lack of progress or when it becomes clear that the goals cannot be achieved for whatever reason. Such decisions can only be taken on the basis of a proposal submitted to the Board.

After completion of its term of office, the JTC may be re-installed with a well defined term of office of a maximum of 4 years. In this case the procedures for appointment of the JTC chair and all individual (core-) members will have to be repeated.

## 4. Meetings

The JTC shall hold at least one meeting per year, preferably in connection with a Congress, Conference, or Symposium of one of the Member organisations.

In special circumstances JTCs can arrange their own symposia or other forms of organised discussion. If such meetings generate funds then 5% of the registration fees of the delegates **are** to be given to FIGS while the JTC and the organising committee shall retain any surplus to be divided as per prior arrangement between them. No members of JTCs or their subcommittees shall be paid for their work for the JTC. Legitimate costs incurred for the work of a JTC can be reimbursed from the funds raised by meetings, books, etc., by decision of the core-group. Any funds accumulated at the termination of a JTC shall be transferred to FIGS.

Towards the end of the term of office of a JTC a special session at a Congress, Conference or a special Symposium may be devoted to the theme of the JTC where a draft final report is presented for discussion among a wider audience of the geo-engineering community.

Much of the work of a JTC shall be carried out by the preparation of documents by the chair or individual members (based on a division of tasks agreed upon in a JTC meeting) which can then be commented on in written comments (by letter or by email) by the other JTC members.

The conclusion of discussions on (partial) reports shall always take place by voting in meetings with properly prepared agendas and documents. Decisions shall preferably be taken by unanimity, but if minority views persist then they shall be reported.

In exceptional cases –at the discretion of the chairperson– duly authenticated postal votes can be accepted in addition to the votes cast at the JTC meeting.

## 5. Progress reports and publication of JTC work

The chairperson of a JTC shall annually report in written to the Federation Board about the progress of the JTC in accomplishing its tasks. This report shall reach the Secretariat at least 2 months before the annual Board meeting where the budget for the next year is discussed.

JTCs should aim to be sources of the most current technical information for the individual membership of the Member organisations of the FIGS in their field of expertise. The websites and newsletters of the Member organisations may be used to spread this information among the individual members of the Member organisations.

The Board shall discuss the annual JTC reports with the Liaison Committee and in the Board meeting and inform the JTC chairperson about the comments and suggestions given by these bodies.

The final report with the main findings, produced guidelines, recommendations, etc. shall be presented in a format that is appropriate to the nature of the assignment. The emphasis shall be on producing practical documents that can be distributed to and used by members of the Member organisations.

All reports produced by the JTCs, involving matters of policy shall be sent to the FIGS Board prior to their publication. The JTC members participating in the reports shall be identified.

The copyright of the produced reports, guidelines, etc remains with FIGS; the scientific responsibility with the core-group of the JTC

### **Transcript of letter from Pedro Sêco e Pinto (President ISSMGE) to Martin Knights (President International Tunnelling Association)**

21 October 2008

Dear Mr. Martin Knights

Please accept my excuses for my late response to your e.mail due my absent of Portugal in India, Nepal and Pakistan due several ISSMGE commitments.

I had the opportunity to meet in Lahore Prof. In Mo Lee, Vice President of ITA, to whom I have transmitted the ISSMGE positive response to ITA invitation.

ISSMGE policy is to create the best environment for the development of a co-operative and friendly relationship with the Societies that we have common interests. Within this framework we have closely relationship with the Sister Societies International Society for Rock Mechanics (ISRM) and International Association for Engineering Geology and the Environment (IAEG), and also with International Geosynthetics Society (IGS) and International Union of Geological Sciences (IUGS).

From the 24 ISSMGE Technical Committees I should like to address your attention for TC 28 "Underground Construction in Soft Ground Conditions".

On behalf of ISSMGE I strongly believe that the co-operation with ITA will be in a near future fruitful and friendly with mutual benefits for both Societies.

For the occasion of our conferences we can organize co-operative sessions on themes of common interest and take advantage of this synergy.

With regard to ITA conferences, these can be published in our Bulletin, namely on the conference database, and details of new ITA conferences should be submitted via the web entry page ([http://www.issmge.org/addon/join\\_form.asp](http://www.issmge.org/addon/join_form.asp)).

With the best wishes of ISSMGE Board members and my personal regards

### **Transcript of letter from Pedro Sêco e Pinto (President ISSMGE) to Professor Alberto Riccardi (President of International Union of Geological Sciences)**

27 September 2008

Dear Prof. Alberto Riccardi

I should like to congratulate you for the election as International Union of Geological Sciences President and I believe that under your leadership IUGS will develop a new vision and strategy related geological sciences.

Please convey my congratulations to all Executive Committee officers and my best wishes for a successful term of 4 years.

On behalf of ISSMGE I strongly believe that the co-operation with IUGS will be in a near future fruitful and friendly with mutual benefits for both Societies.

For the occasion of our conferences we can organize co-operative sessions on themes of common interest and take advantage of this synergy.

With the best wishes of ISSMGE Board members and my personal regards

### **Transcript of letter from Pedro Sêco e Pinto (President ISSMGE) to Professor Fumio Tatsuoka (President of International Geosynthetics Society)**

27 June 2008

Dear Fumio

As I have already informed you in my previous letter of 22 April 2008, ISSMGE Conference Manual was approved by the Council in Prague, August 2003, but with the official approval of FIGS on January 2008, there is a general feeling that the conferences organised in conjunction with the Sister Societies ISRM and IAEG and also with IGS and ITA need to be re-evaluated, in order to update the ISSMGE Conference Manual.

This debate already initiated by ISSMGE Board by e.mail had a outcome during the Board meeting that took place in Saint Petersburg on 15 June, with the amendment of item 3.7 Registration Fees of Conference Manual with the new wording "Alternative and special arrangements may be made for conferences organised in conjunction with other Societies including ISRM, IAEG and IGS".

So ISSMGE logo can be used and should be stated in publicity that the conferences are organised in association with ISSMGE.

ISSMGE Board strongly believes that the existent fruitful and friendly co-operation with IGS will continue and even

strength in the future with mutual benefits. With regard to IGS conferences, these are published in our Bulletin and on the conference database and details of new IGS conferences should be submitted via the web entry page ([http://www.issmge.org/addon/join\\_form.asp](http://www.issmge.org/addon/join_form.asp)).

With my best personal regards

#### APPENDIX 7A: ADDRESS FROM ITA

Presented by Mr Abdel Salam,

#### ADDRESS TO THE ISSMGE COUNCIL ON BEHALF OF MR MARTIN KNIGHTS, PRESIDENT OF ITA

Dear Colleagues

Although I am not here in Alexandria to participate in the ISSMGE Council meeting I would like to send my kind regards. I would like to thank Professor Pinto for attending our General Assembly of ITA in Budapest in May this year. Although I am unable reciprocate the gesture that Professor Pinto made, I am pleased that the head of the Egyptian Tunnelling Society Mr Abdel Salam is able to represent ITA on my behalf and to deliver this brief address.

I would like to draw your attention to two ITA initiatives that concern ISSMGE.

Firstly we have just had the inauguration of our ITA Foundation for Education and Training. This will be the full time “arm of ITA” for training and education modules covering a wide range of technical and managerial issues in tunnelling. Our role in ITA is leading us to provide more training to our members and we are preparing for seminars in Riyadh and Vancouver at present with many more venues planned for the future. I would like to invite ISSMGE to participate in these training sessions, where you can best provide world class knowledge in the field of soft ground tunnelling. Our Executive Director will contact ISSMGE to discuss this proposal and opportunity to work together.

My second announcement is to inform you that we want to include more University participation in ITA particularly in soft ground tunnelling. We have many Working Groups engaged on specific tasks of preparing Guidelines for many aspects of tunnelling technology. Through my own contacts in the UK I am trying to prepare a list of soft ground tunnel related research programmes. (I have spoken recently with your Secretary General about this). However, I want to widen my research and invite ISSMGE member nation representatives (through the ISSMGE Secretariat) to compile a list of current research activities being undertaken in your national universities or research establishments. Can I invite the Council to consider this proposal in the mutual interests of ITA and ISSMGE? This initiative would help compile a list of common issues or special and specific issues for tunnelling particularly in urban areas. ITA has finance available for our Working Groups to help with support in preparing our Guidelines. If necessary the ITA would be prepared to consider funding supporting initiatives with ISSMGE where it believes this would advance the progress of our Working Groups.

ITA is at a very interesting phase of its 35 year history. There will be much activity in tunnelling in urban areas in the next 10 years. Urban locations invariably include significant soft ground geology and I believe that ITA needs ISSMGE to work more closely with our Working Groups for mutual benefit in our common fields of science and technology .

I wish your Congress all success and would request that you consider ITA’s proposal for closer working activities

## APPENDIX 8 – AUDITED ACCOUNTS 2007, 2008

## REPORT BY SECRETARY GENERAL

**INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF  
THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**

We have audited the receipts and payments account of The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the year ended 31 December 2007 and the related information.

This report is made solely to the members, as a body, in accordance with our engagement letter dated 6 February 2006. Our audit work has been undertaken so that we might state to the members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than members as a body, for our audit work, for this report, or for the opinions we have formed.

**Respective responsibilities of Secretary General and Auditors**

The Society's Secretary General is responsible for the preparation the receipts and payments account, which has been prepared under the ISSMGE statutes and By-Laws.

Our responsibility is to audit the receipts and payments account and related information in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

We report to you our opinion as to whether the receipts and payments account properly presents the receipts and payments of the Society and are prepared in accordance with the Society's statutes and by-laws.

**Basis of audit opinion**


We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the receipts and payments account. It also includes an assessment of the significant estimates and judgments made by the Secretary General in the preparation of the receipts and payments account, and of whether the accounting policies are appropriate to the Society's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the receipts and payments account is free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the receipts and payments account.

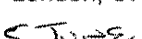
**Opinion**

In our opinion the accounts:

- properly present the receipts and payments of the Society for the year ended 31 December 2007

  
**PKF (UK) LLP**

Registered auditors

London, UK  
 2008

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
RECEIPTS AND PAYMENTS ACCOUNT  
FOR THE YEAR ENDED 31 DECEMBER 2007

	Barclays Bank Plc SFr	Barclays Bank Plc £	Investment Accounts £	City University £
<b>Cash balance at 1 January 2007</b>	102,288	173,796	127,680	392
<b>Add: Receipts</b>				
Member society subscriptions	-	115,350	-	1,389
Corporate member subscriptions	-	2,497	-	204
Conference income	-	18,395	-	4,652
Publication sales and slide sales	-	28	-	-
Corporation tax interest supplement	-	5	-	-
Mem Soc contrib to President's travel	-	162	-	-
Interest received	-	8,314	5,908	-
	<u>102,288</u>	<u>318,547</u>	<u>133,588</u>	<u>6,637</u>
<b>Less: Payments</b>				
Emoluments and staff costs	-	18,000	-	28,880
President administrative support	-	8,225	-	-
Travel and subsistence	-	28,490	-	1,839
IYPE	-	3,454	-	-
Photocopying	-	-	-	1,217
Telephone and fax	-	-	-	322
Postage	-	-	-	2,558
Stationery	-	511	-	44
Francophone bulletin	-	1,400	-	-
Audit fees	-	3,631	-	-
Bank charges	9	426	-	-
Corporation tax	-	1,097	-	-
Conference support	-	1,191	-	-
Office equipment	-	5	-	323
Office hire	-	-	-	5,000
List of members	-	1,836	-	-
	<u>9</u>	<u>68,266</u>	<u>-</u>	<u>40,183</u>
<b>Add: Transfers from other accounts</b>	-	-	-	39,000
<b>Less: Transfers to other accounts</b>	-	(39,000)	-	-
<b>Cash balance at 31 December 2007</b>	<u>102,279</u>	<u>211,281</u>	<u>133,588</u>	<u>5,454</u>
<b>(Decrease)/increase in cash balance</b>	<u>(9)</u>	<u>37,485</u>	<u>5,908</u>	<u>5,062</u>

Information: At 31 December 2007 - £1 = SFr 2.24977

Secretary General

*R. Taylor*

Date

*4 June 2008*



# INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

SUBSCRIPTIONS RECEIVED  
IN THE YEAR ENDED 31 DECEMBER 2007

Member Society	Number of members	City University €	Barclays Bank £	Charges £
Albania	36	-	194	-
Argentina	56	-	560	-
Australia	822	-	4,443	-
Austria	95	-	877	-
Azerbaijan Republic	13	-	-	-
Bangladesh	33	-	1,092	-
Belgium	182	-	1,776	-
Bolivia	13	-	112	16
Brazil	673	-	2,882	-
Bulgaria	63	-	397	-
Canada	680	-	3,903	-
Chile	53	617	589	-
China	200	-	1,138	-
Colombia	23	-	160	-
Costa Rica	30	-	191	-
Croatia	126	-	1,034	-
CTGA	28	-	441	-
Cuba	30	-	141	-
Czech & Slovak Republics	43	-	1,146	-
Denmark	345	-	2,657	6
Ecuador	20	159	576	6
Egypt	125	-	852	-
El Salvador	30	-	134	6
Estonia	30	-	272	6
Finland	173	-	1,631	6
France	473	-	3,130	6
Georgia	35	-	143	-
Germany	686	-	3,921	-
Ghana	21	-	897	-
Greece	184	-	1,702	-
Hong Kong	508	-	3,266	-
Hungary	115	-	1,064	-
Iceland	10	-	272	6
India	225	-	880	-
Indonesia	50	-	202	-
Iran	191	-	1,141	-
Iraq	11	-	678	-
Ireland	22	-	278	-
Israel	35	-	318	6
Italy	260	-	2,399	6
Japan	1,401	-	6,599	-
Kazakhstan	40	-	221	-
Kenya	21	-	-	-
Korea	296	-	2,483	-
Latvia	31	-	648	-
Lithuania	40	-	1,198	-
Macedonia	72	-	617	-
Mexico	395	-	918	6
Morocco	12	-	-	-
Mozambique	32	-	93	-
Nepal	22	-	400	-
Netherlands	639	-	3,745	6
New Zealand	331	-	2,663	-
Nigeria	25	-	179	-
Norway	359	-	2,749	-
Pakistan	80	-	264	-
Paraguay	53	-	395	-
Peru	25	-	-	-
Poland	315	-	2,359	-
Portugal	227	-	3,593	6
Romania	140	-	903	-
Carried forward	11,304	776	77,516	88

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
SUBSCRIPTIONS RECEIVED  
IN THE YEAR ENDED 31 DECEMBER 2007

Member Society	Number of members	City University €	Barclays Bank £	Charges £
Brought forward	11,304	776	77,516	88
Russia	305	-	1,967	-
Serbia	30	-	153	-
Slovenia	105	-	1,950	12
South Africa	310	-	2,297	6
South East Asia	200	-	1,184	-
Spain	404	-	2,875	6
Sri Lanka	34	-	445	-
Sudan	25	-	882	-
Sweden	730	-	4,086	-
Switzerland	231	-	2,131	6
Syria	17	-	120	-
Tunisia	30	-	179	-
Turkey	167	-	1,032	6
Ukraine	113	613	-	-
UK	1,188	-	5,786	-
USA	2,723	-	11,494	6
Uzbekistan	38	-	207	6
Venezuela	25	-	1,046	6
Vietnam	18	-	-	-
Zimbabwe	17	-	-	-
<b>Total</b>	<b>18,014</b>	<b>1,389</b>	<b>115,350</b>	<b>142</b>

Corporate Member	US \$	City University £	Barclays Bank £	Charges £
Acciona Infraestructuras	-	-	-	-
Bauer Spezialtiefbau GmbH (paid twice in 2006)	-	-	-	-
Fugro	400	-	191	6
GeoDelft	400	-	201	-
Geo-Reconstruction-Fundamentproject	400	204	-	-
Geo-Research Institute	400	-	181	6
glINT Software -	400	-	186	6
*Golder Associates	-	-	-	-
Jan de Nul	400	-	193	6
Keller Group Ltd	-	-	-	-
*Kiso-Jiban Consulting Engineers	-	-	-	-
Klohn-Crippen Consultants Ltd	800	-	386	32
Naue	400	-	201	-
*Norwegian Geotechnical Institute	-	-	-	-
*Sinotech Engineering Consultants	-	-	-	-
Soletanche Enterprise	400	-	191	6
S N Apageo S.A.S., France	-	-	184	-
Tensar International	400	-	199	6
Terre Armee Menard Soltraitment	385	-	185	6
*Tokyu Construction Co Ltd	-	-	-	-
Tractebel Development Engineering S.A.	400	-	199	-
<b>Total</b>	<b>5,185</b>	<b>204</b>	<b>2,497</b>	<b>74</b>

\* Corporate Members who subscribed for 5 years (\$1600) in 2005.  
Next subscription due in 2010 (for 2010 – 2015 inc.)

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
NOTES TO THE FINANCIAL STATEMENTS  
YEAR ENDED 31 DECEMBER 2007

**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 AUDITORS' REPORT TO THE MEMBERS OF THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING**

We have audited the receipts and payments account of The International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for the year ended 31 December 2008 and the related information.

This report is made solely to the members, as a body, in accordance with our engagement letter dated 6 February 2006. Our audit work has been undertaken so that we might state to the members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than members as a body, for our audit work, for this report, or for the opinions we have formed.

### **Respective responsibilities of Secretary General and Auditors**

The Society's Secretary General is responsible for the preparation of the receipts and payments account, which has been prepared under the ISSMGE statutes and By-Laws.

Our responsibility is to audit the receipts and payments account and related information in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

We report to you our opinion as to whether the receipts and payments account properly presents the receipts and payments of the Society and are prepared in accordance with the Society's statutes and by-laws.

### **Basis of audit opinion**

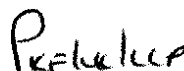
We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the receipts and payments account. It also includes an assessment of the significant estimates and judgments made by the Secretary General in the preparation of the receipts and payments account, and of whether the accounting policies are appropriate to the Society's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the receipts and payments account is free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the receipts and payments account.

### **Opinion**

In our opinion the accounts:

- properly present the receipts and payments of the Society for the year ended 31 December 2008.

  
PKF (UK) LLP

London, UK

5 ذو الحجة 2009

Registered auditors

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
RECEIPTS AND PAYMENTS ACCOUNT  
FOR THE YEAR ENDED 31 DECEMBER 2008

	<u>Barclays Bank Plc SFr</u>	<u>Barclays Bank Plc £</u>	<u>Investment Accounts £</u>	<u>City University £</u>
<b>Cash balance at 1 January 2008</b>	<b>102,279</b>	<b>211,281</b>	<b>133,588</b>	<b>5,454</b>
<b>Add: Receipts</b>				
Member society subscriptions	-	102,273	-	172
Corporate member subscriptions	-	3,101	-	-
Conference income	-	3,608	-	-
Corporation tax refund	-	33	-	-
Mem Soc contribution to President's travel	-	763	-	-
Interest received	-	10,905	5,200	-
	<u>102,279</u>	<u>331,964</u>	<u>138,788</u>	<u>5,626</u>
<b>Less: Payments</b>				
Emoluments and staff costs	-	19,000	-	24,510
President administrative support	-	10,121	-	-
Travel and subsistence	-	36,342	-	327
Photocopying	-	-	-	333
Telephone and fax	-	-	-	397
Postage	-	9	-	392
Stationery	-	356	-	85
Website	-	6,252	-	44
Francophone bulletin	-	1,300	-	-
Audit fees	-	3,772	-	-
Bank charges	10	399	-	-
Corporation tax	-	2,810	-	-
Conference support	-	5,395	-	-
International seminars	-	494	-	-
Office equipment	-	31	-	1,283
FedIGS	-	2,852	-	-
	<u>10</u>	<u>89,133</u>	<u>-</u>	<u>27,371</u>
<b>Add: Transfers from other accounts</b>	-	-	-	21,500
<b>Less: Transfers to other accounts</b>	-	21,500	-	-
<b>Cash balance at 31 December 2008</b>	<b>102,269</b>	<b>221,332</b>	<b>138,788</b>	<b>(245)</b>
<b>(Decrease)/increase in cash balance</b>	<b>(10)</b>	<b>10,051</b>	<b>5,200</b>	<b>(5,699)</b>

Information: At 31 December 2008 - £1 = 1.67 SFr (Swiss Francs)

Secretary General



Date

29 May 2009

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
SUBSCRIPTIONS RECEIVED  
IN THE YEAR ENDED 31 DECEMBER 2008

<b>Member Society</b>	<b>Number of <u>members</u></b>	<b>City University £</b>	<b>Barclays Bank £</b>	<b>Charges £</b>
Albania	36	-	166	-
Argentina	56	-	503	-
Australia	870	-	4,708	-
Austria	95	-	903	-
Azerbaijan Republic	13	-	-	-
Bangladesh	33	-	96	-
Belgium	190	-	1,713	-
Bolivia	13	-	-	-
Brazil	741	-	4,056	-
Bulgaria	63	-	408	-
Canada	680	-	-	-
Chile	53	-	-	-
China	200	-	1,954	-
Colombia	20	-	165	-
Costa Rica	30	-	196	-
Croatia	126	-	-	-
CTGA	28	-	94	-
Cuba	30	-	-	-
Czech & Slovak Republics	43	-	409	-
Denmark	345	-	2,730	6
Ecuador	40	172	-	-
Egypt	125	-	-	-
El Salvador	30	-	132	6
Estonia	30	-	284	6
Finland	173	-	1,638	6
France	473	-	3,215	6
Georgia	38	-	143	-
Germany	670	-	3,970	-
Ghana	21	-	-	-
Greece	184	-	1,482	-
Hong Kong	256	-	2,399	-
Hungary	115	-	-	-
Iceland	10	-	279	6
India	227	-	913	-
Indonesia	75	-	311	-
Iran	191	-	1,185	-
Iraq	11	-	71	15
Ireland	22	-	-	-
Israel	35	-	327	6
Italy	260	-	2,342	6
Japan	1,362	-	6,565	-
Kazakhstan	40	-	227	-
Kenya	21	-	-	-
Korea	315	-	2,621	-
Kyrgyzstan	30	-	98	-
Latvia	31	-	272	-
Lithuania	40	-	-	-
Carried forward	8,490	172	46,575	63

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
SUBSCRIPTIONS RECEIVED (cont.)  
IN THE YEAR ENDED 31 DECEMBER 2008

<b>Member Society</b>	<b>Number of members</b>	<b>City University £</b>	<b>Barclays Bank £</b>	<b>Charges £</b>
Brought forward	8490	172	46,575	63
Macedonia, FYR	72	-	-	-
Mexico	372	-	1,344	-
Morocco	12	-	-	-
Mozambique	32	-	93	-
Nepal	22	-	-	-
Netherlands	729	-	4,221	-
New Zealand	363	-	2,944	-
Nigeria	25	-	-	-
Norway	359	-	2,808	-
Pakistan	80	-	271	-
Paraguay	53	-	284	-
Peru	25	-	-	-
Poland	333	-	2,561	-
Portugal	227	-	2,188	6
Romania	140	-	927	-
Russia	305	-	2,022	-
Serbia	30	-	157	-
Singapore	155	-	1,467	6
Slovenia	105	-	992	6
South Africa	315	-	2,104	6
South East Asia	200	-	1,216	-
Spain	404	-	2,889	6
Sri Lanka	34	-	154	-
Sudan	25	-	-	-
Sweden	730	-	4,192	6
Switzerland	212	-	1,962	6
Syria	17	-	124	-
Tajikistan	23	-	89	-
Thailand	30	-	191	-
Tunisia	30	-	184	-
Turkey	167	-	1,058	6
Ukraine	142	-	791	-
UK	1,190	-	5,950	-
USA	2,924	-	12,484	-
Uzbekistan	38	-	37	-
Venezuela	25	-	-	-
Vietnam	18	-	-	-
Zimbabwe	17	-	-	-
<b>Total</b>	<b>18,470</b>	<b>172</b>	<b>102,273</b>	<b>111</b>

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
SUBSCRIPTIONS RECEIVED (cont.)  
IN THE YEAR ENDED 31 DECEMBER 2008

<b>Corporate Member</b>	<b>US Dollars \$</b>	<b>Bank Account £</b>	<b>Bank Charges £</b>
Acciona Infraestructuras	800	395	6
Bauer Spezialtiefbau GmbH	400	202	-
Fugro	400	195	6
Deltares (previously know as Geo-Delft)	400	196	-
Geo-Reconstruction-Fundamentproject	-	-	-
Geo-Research Institute	-	-	-
Geoteknik SA	375	182	6
glINT Software	400	183	16
*Golder Associates	-	-	-
Huesker Synthetic GmbH	400	202	-
Jan de Nul	400	193	6
Keller Group Ltd	-	-	-
*Kiso-Jiban Consulting Engineers	-	-	-
Naue	400	203	-
*Norwegian Geotechnical Institute	-	-	-
*Sinotech Engineering Consultants	-	-	-
Soletanche Enterprise	400	194	6
S N Apageo S.A.S., France	400	187	6
Tensar International	400	194	6
Terre Armee Menard Soltraitment	400	193	6
*Tokyu Construction Co Ltd	-	-	-
Tractebel Development Engineering SA	400	193	6
Zetas Zemin Teknolojisi	385	189	6
	<b>6,360</b>	<b>3,101</b>	<b>76</b>

\* Corporate Members who subscribed for 5 years (\$1600) in 2005.  
Next subscription due in 2010 (for 2010 – 2015 inc.)

**INTERNATIONAL SOCIETY FOR SOIL MECHANICS  
AND GEOTECHNICAL ENGINEERING**  
NOTES TO THE FINANCIAL STATEMENTS  
YEAR ENDED 31 DECEMBER 2008

**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.

## APPENDIX 9: BUDGET 2009-2011

PRESENTED BY MICHAEL LISYUK

NOTES ON ISSMGE BUDGET FOR 2009-2011,  
with forecast 2013

## 1. General

Attached are the following tables:

ISSMGE Ordinary Budget for 2009-2011, with forecast to  
2013ISSMGE Extraordinary Budget for 2009-2011, with forecast  
to 2013ISSMGE Cash Balance Forecast for 2009-2011, with forecast  
to 2013

It is the aim of the present Budget of the Finance Committee to develop the budget in accordance with the proposals of the previous ISSMGE Finance Committee (Chairman L.G. de Mello), introducing modifications reflecting further development of ISSMGE.

The budget forecast to 2013 for information.

All budget amounts are given in GB Pounds.

## 2. Ordinary Budget

2.1 Member Society subscriptions (Item 1 of receipts) have been budgeted for the years 2009-2011, and a forecast to 2013 is made.

As is known, the change of the membership fee structure based on a Basic Fee per Capita (depending on Group Number and GNP), to a basis on Purchasing Power Parity (PPP), is taking place starting in 2007. This proposed fee model was approved by the ISSMGE Council meeting in Osaka in September 2005.

However, the change of Fee Structure does not change this estimated total member society subscription, which are the values in item 2.1.

Constant membership fee is assumed in the budget for 2007. An inflation correction of 2.5% per year is assumed, starting in 2008. It was discussed and approved at the 2007 Council Meeting in Brisbane.

An increase of 200 ISSMGE members from 2005 onwards has been assumed.

2.2. Interest (Item 2 of Receipts): this is necessarily an estimate but a rise in 2009 has been assumed.

2.3 The necessity of the President's part time support (Item 1.1 of the expenditures) was discussed and approved by the Board meeting in 2006 in Rome.

2.4 Secretary General support (Item 1.2 of expenditures) is based on the proposal of the British Geotechnical Association to continue hosting the Secretariat from 2008 onwards, based on 80% time administrator support in the Secretariat.

2. 5 Office expenses - LNEC/President office (Item 1.3 of the expenditures) were discussed and approved by the Board meeting in 2006 in Rome (President office supported by

home institution LNEC).

2.6 Office rental (Item 1.1 of the expenditures) from 2008 onwards are assumed to be equal to zero according to the proposal of the British Geotechnical Association.

2.7 Travel, accommodation, etc (Items 3.1, 3.2, and 3.3 of expenditures) were revised according to the proposal of ISSMGE President. The revised items were approved by the Board meeting in Rome in 2006. The total travel expenses of the President, Secretary General and Board (item 3 of the expenditures) were reduced by GBP 4000 annually.

2.8 Audit Fees and Bank Charges (item 4 of expenditures) are subject to annual growth.

## 3. Extraordinary Budget

3.1 The Corporate member subscriptions (Item 1 of receipts) still form a smaller part of ISSMGE receipts as compared to the Member Society subscription of the Ordinary Budget. This problem was discussed by the Board meeting in Rome 2006. It is necessary to develop a policy towards the potential and actual corporate members to increase their number and offer them an attractive package of services.

3.2 The conference income (item 1 of receipts) includes revenues from Regional conferences, TCs conferences. For 2009 a revenue from the 17th ISSMGE International Conference in Alexandria is included.

3.3 Conference support (item 1 of expenditures) includes support of the Regional and International Young geotechnical engineers' conferences. In 2009 support of 4th International Young Geotechnical Engineers' Conference in Alexandria is also included.

3.4 Francophone bulletins (item 2 of expenditures). Since 2009 the cost of Francophone bulletins equals zero.

3.5 News Bulletin (item 6 of expenditures) is published in electronic format starting from 2007 by Dr. Osamu Kusakabe (Task Force Communications of ISSMGE Board). The News Bulletin includes regional news, case histories, interviews with prominent geotechnical engineers, etc.

3.6 FeIGS support (item 8 of expenditures) is introduced for 2009-2013 for travelling expenses of the President, Immediate Past President and Secretary General for attending two annual meetings of the FedIGS Board.

## 4. Net Balance

The proposed budget reflects an increase in overall cash balance in 2009-2013.



**ISSMGE ORDINARY BUDGET (GB POUNDS) 2009-2011, with forecast to 2013**

Item	Notes	RECEIPTS	2009	2010	2011	2012	2013
1	1	Member Society Subscriptions	109500	110500	111500	112500	113500
2		Interest	9000	9000	9000	9000	9000
		<b>Total</b>	<b>118500</b>	<b>119500</b>	<b>120500</b>	<b>121500</b>	<b>122500</b>
		<b>EXPENDITURE</b>					
1		<b>Secretariat</b>					
1.1		President part time support	8000	8000	8000	8000	8000
1.2	2	Secretary General support	25000	26000	27000	28000	29000
1.3	5	Office expenses - President office	0	0	0	0	0
1.4	3.4	Office expenses - Secretariat	5500	4500	6000	6000	6000
2	2	<b>Secretary General</b>	19000	20000	20000	21000	22000
3		<b>Travel, accommodation, etc.</b>					
3.1	6	President	6950	7100	7300	7600	7900
3.2		Secretary General	9530	9800	9900	10000	11000
3.3	6	Board	19660	21000	22000	23000	24000
4		<b>Audit Fees and Bank Charges</b>	5000	5300	5600	5900	6100
5		<b>Corporation Tax</b>	3600	3800	4000	4200	4400
6		<b>Information Transfer (web site)</b>					
6.1		Licencing fee	7000	7000	7000	7000	7000
6.2	7	Future developments	10000	10000	0	0	0
		<b>Total</b>	<b>119240</b>	<b>122500</b>	<b>116800</b>	<b>120700</b>	<b>125400</b>
		<b>SURPLUS (DEFICIT)</b>	<b>(740)</b>	<b>(3000)</b>	<b>3700</b>	<b>800</b>	<b>(2900)</b>

**NOTES:**

- 1 Member Society subscriptions based on following assumptions:
  - a) Constant membership fee for 2007
  - b) A predicted inflation correction of 2,5% per year, impacting in 2008, discussed and approved at the 2007 CM
  - c) Aim of an increase of 200 members per year from 2004 onwards
  - d) The change of Fee Structure, to a fee per capita approach, does not change this estimative, as the values were estimated based on the overall amount
- 2 Gradual budget increase reflects anticipated inflation
- 3 4% per year increase in office expenses and travel/accommodation costs.
- 4 Item 1.4, Office Expenses, include equipment, copies, tel & fax, postage and stationery.
- 5 President office support should take into account incoming President
- 6 Board Members will seek alternative sources of funding whenever possible
- 7 ISSMGE Website development

**ISSMGE EXTRAORDINARY BUDGET (GB POUNDS) 2009 –2011, forecast to 2013**

Item	Notes	RECEIPTS	2009	2010	2011	2012	2013
1		Corporate Member Subscriptions	4000	4000	4000	4000	4000
2	1	Conference Income	25000	8000	12000	8000	25000
		<b>Total</b>	<b>29000</b>	<b>12000</b>	<b>16000</b>	<b>12000</b>	<b>29000</b>
		<b>EXPENDITURE</b>					
1	2	Conference Support	16000	4000	4000	4000	18000
2		Francophone bulletins	0	0	0	0	0
3		Young Members Awards	3000	0	0	0	4000
4	3	List of Members	4000	0	0	0	4000
5		Kevin Nash Gold Medal	1300	0	0	0	1500
6		Bulletin	0	0	0	0	0
7		<b>FedIGS</b>					
7.1	4	Travel of ISSMGE officers	1000	1500	1500	1500	1500
7.2	5	Contribution to FedIGS Secretariat	2500	2500	0	0	0
8		Other Initiatives (Touring Lectures etc)	9000	9000	9000	9000	9000
9		75 ISSMGE Anniversary		5000	5000		
		<b>Total</b>	<b>36800</b>	<b>22000</b>	<b>19500</b>	<b>14500</b>	<b>38000</b>
		<b>SURPLUS(DEFICIT)</b>	<b>(7800)</b>	<b>(10000)</b>	<b>(3500)</b>	<b>(2500)</b>	<b>(9000)</b>

**NOTES:**

- 1 The Revenues from Conferences include Alexandria, 6ICEG, Regional Conferences, and TC Symposia
- 2 Conference support includes RYGEC and IYGEC
- 3 The List of Members will be published on CDs. Printed copies of List of Members will not be produced before 2009.
- 4 Travel of ISSMGE officers to attend FIGS meetings
- 5 Contribution to FedIGS Secretariat and travel of FedIGS President

**ISSMGE ORDINARY AND EXTRAORDINARY BUDGET  
REVISED CASH BALANCE FORECAST (GB POUNDS) 2009-20011, extended to 2013**

<b>RECEIPTS</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Overall Surplus (Deficit)	(8540)	(13000)	200	(1700)	(11900)
Overall Cash Balance - Final Balance Dec. 2008 = GBP 421113	412573	399573	399773	398073	386173

**NOTE:**

Overall Cash Balance - Final Balance Dec.  
2005 = GBP 307166

**APPENDIX 10 – ISSMGE 75 YEARS CELEBRATION**

**REPORT BY PRESIDENT**

**ISSMGE 75 Years Celebration**

**1) Special Number of Case History Journal**

- 1.1) History of ISSMGE
- 1.2) Contributions of Presidents
- 1.3) Contributions of Regional VPs
- 1.4) Contributions of Secretaries General
- 1.5) Contribution of Young Geotechnical Engineers
- 1.6) Contributions of Invited Authors
- 1.7) Contributions of Sister Societies and other International Bodies
- 1.8) Photos from Special Events

**2) Conference Special Sessions**

- 2.1) Special Session during 6 ICEGE, New Delhi, November 2010 (1 hour)

**Presentations:**

- i) Selected Senior Member
- ii) Young Geotechnical Engineer
- iii) ISSMGE President

- 2.2) Special Session during Regional Conferences: (1 hour)

**Presentations:**

- iv) Selected Senior Member
- v) Young Geotechnical Engineer
- vi) Regional Vice President

**3) Conference Dates**

6th EGECE, 8-12 November 2010, New Delhi  
Asian Regional Geotechnical Engineering, 23-27 May 2011, Hong Kong  
African Regional Geotechnical Conference, 13-16 June 2011, Maputo

European Regional Geotechnical Conference, 13-18 September 2011, Athens  
Pan American Geotechnical Conference, 2-6 October 2011, Toronto  
Australasia Geotechnical Conference, 8-11 November 2011, Melbourne

**APPENDIX 11 – MEETING WITH MEMBER SOCIETIES**

**REPORT BY PRESIDENT**

**Meetings with Member Societies and other meetings**

Meetings with Member Societies and other Geotechnical Groups

Meetings have been held with the following Member Societies:

ISSMGE Board (ad hoc meeting) – Osaka, 13 September 2005  
Hellenic Soil Mechanics Society –Athens, 24 September 2005  
French Soil Mechanics Society – Paris, 22 October 2005  
Netherlands Soil Mechanics Society – Delft, 15 November 2005  
Indian Geotechnical Society – Ammedabad, 18 December 2005  
CTGA – Dakar, 17 January 2006 and 2 March 2006  
Hungarian Soil Mechanics Society – Budapest, 17 February 2006  
Italian Geotechnical Society – Rome, 15 March 2006  
ISSMGE Board meeting – Rome, 15 March 2006  
Korean Geotechnical Society – Seoul, 25 March 2006  
German Geotechnical Society - 29 March 2006  
Slovenian Geotechnical Society - Ljubljana, 28 May 2006  
British Geotechnical Association – Cardiff, 30 May 2006  
Croatia Soil Mechanics Society – Zagreb, 20 July 2006  
Chile Soil Mechanics Society –Santiago de Chile, 22 August 2006  
Paraguay Geotechnical Society – Asunción, 26 August 2006  
ISSMGE Board meeting – Curitiba, August 2006  
ABMS (Brazilian Soil Mechanics Association) - Curitiba, August 2006  
Japanese Geotechnical Society - Yokohama, 20 September 2006  
Joint Technical Committee n° 2- Geo Data meeting, September 2006  
Ukraine Geotechnical Society - Kiev, 11 October 2006

Indonesia Geotechnical Society – Jakarta, 4 November 2006  
 Singapore Geotechnical Group – Singapore, 8 November 2006  
 Egyptian Geotechnical Society – Cairo, 19 November 2006  
 ISSMGE Board meeting – Tunis, March 2007  
 Tunisian Geotechnical Society – Tunis, 16 March 2007  
 Libyan Geotechnical Society - Tripoli, 20 March 2007  
 Albanian Geotechnical Society – Tirana, 19 April 2007  
 Vietnam Soil Mechanics Society, Hanoi, 2 May 2007  
 South East Asia Geotechnical Society (SEAGS), Kuala Lumpur - 10 May 2007  
 TC 17 –Ground Improvement meeting, Kuala Lumpur - 10 May 2007  
 Croatia Soil Mechanics Society - Zagreb, 19 May 2007  
 Polish Committee on Geotechnics - Gdansk, 22 June 2007  
 TC 4 –Earthquake Geotechnical Engineering and Associated Problems meeting, Thessaloniki, July 2007  
 Cuba Geotechnical Society - Havana, 12 July 2007  
 Venezuela Geotechnical Society - Isla de Margarita, 16 July 2007  
 Costa Rica Geotechnical Society - San Jose, 23 July 2007  
 El Salvador Geotechnical Society - San Salvador, 26 July 2007  
 Spanish Soil Mechanics Society - Madrid, 25 September 2007  
 TC 3- Transportation meeting - Madrid, 26 September 2007  
 TC 28- Underground Structures meeting - Madrid, 26 September 2007  
 ERTC 10 – Eurocode 7 – Madrid, 26 September 2007  
 Mexico Soil Mechanics Society - Mexico, 3 October 2007  
 Indonesia Geotechnical Society- Jakarta, 17 October 2007  
 ISSMGE Board meeting – Brisbane, October 2007  
 ISSMGE Council meeting – Brisbane, October 2007  
 Australia Geomechanical Society - Brisbane, October 2007  
 Chinese Geotechnical Society - Chongqing, 2 November 2008  
 CTGA- Cameroun - Yaoundé, November 2007  
 South East Asia Society- Bangkok, 6 December 2007  
 Sri Lanka Geotechnical Society - Colombo, 18 December 2007  
 Nigeria Geotechnical Society - Lagos, 16 January 2008  
 South East Asia Geotechnical Society - SEAGS - Taiwan, 31 March 2008  
 TC 16- Site Investigation meeting - Taiwan, 31 March 2008  
 Chinese Geotechnical Society - Xanghai, 3 April 2008  
 TC 28 –Underground Structures meeting – Xanghai, 3 April 2008  
 Hong Kong Geotechnical Society - Hong Kong, 8 April 2008  
 Kuwait – for the creation of Gulf Society 27 April 2008  
 UAE - Dubai for the creation of Gulf Society 30 April 2008  
 Chinese Geotechnical Society- Xian, 29 May 2008  
 Romania Soil Mechanics Society – Constanza, 4th June 2008  
 Serbia Soil Mechanics Society - Skopje 9 June 2008  
 Slovenia Soil Mechanics Society, – 12 June 2008  
 ISSMGE Board meeting – St. Petersburg, 15 June 2008  
 Russia Soil Mechanics Society – St. Petersburg, 16 June 2008  
 Chinese Geotechnical Society- Xian, 1st July 2008  
 British Geotechnical Association – London, July 2008  
 Ecuador Geotechnical Society – Guayaquil, 18 August 2008  
 ABMS-Brazilian Soil Mechanics Society- Buzios, 24 August 2008  
 TC 41 –Mega Cities meeting, Buzios, 25 August 2008  
 Hungarian Soil Mechanics Society-Gyor, 3 September 2008  
 Polish Soil Mechanics Society- Gdansk, 15 September 2008  
 Nepal Geotechnical Society, Kathmandu, 6 October 2008  
 Pakistan Geotechnical Society - Lahore, 9 October 2008  
 Macedonia Association for Geotechnics- Ohrid, 28 October 2008  
 Iran Geotechnical Society-Teheran, 26 November 2008  
 ISSMGE Board meeting – Bangalore, December 2008  
 Indian Geotechnical Society - Bangalore, AYGEC, December 2008

Cambodia –Phnom Penh for joining the SEAGS, 9 January 2009  
 Laos- Vientiane for joining the SEAGS, 13 January 2009  
 Myanmar – Yangon for joining the SEAGS, 15 January 2009  
 Ghana Geotechnical Society - Accra, 2 February 2009  
 Jordan-Amman, for the creation of Jordan Geotechnical Society, 23 February 2009  
 Egypt Soil Mechanics Society –Alexandria –meeting for IV ICYGE-26 February 2009  
 Egypt Soil Mechanics Society - Cairo- CAC meeting for XVII ICSMGE, 27 February 2009  
 Sweden-Stockholm- meeting with Sweden, Finland, Iceland, Denmark and Norway Societies, 4 March 2009  
 Canadian Geotechnical Society- Toronto, CAC meeting for XIV Pan American Conference  
 ISSMGE Board meeting – Orlando, 13 March 2009  
 Geo Institute (USA) – Orlando, 13 March 2009  
 Argentina Soil Mechanics Society- Cordoba, 31 March 2009  
 Kazakhstan- Astana- meeting with Kazakhstan, Uzbekistan, Tajikistan and Kyrgyzstan Societies, 11 May 2009  
 TC 18- Pile Foundations meeting, Frankfurt, 14 May 2009  
 Hong Kong Soil Mechanics Society - Hong Kong, 18 May 2009  
 Hungarian Soil Mechanics Society – Budapest, 24 May 2009  
 Turkish Soil Mechanics Society, 29 May 2009  
 Czech and Slovak Society - Bratislava, 1st June 2009  
 Japanese Geotechnical Society - Tokyo, 15 June 2009  
 Mozambique Geotechnical Society - Maputo, 29 July 2009  
 Chinese Geotechnical Society – Huanzhou, 8 September 2009  
 Slovenia Soil Mechanics Society, – 25 September 2009  
 ISSMGE Board meeting – Alexandria, 3 October 2009  
 ISSMGE Council meeting – Alexandria, 4 October 2009

The issues discussed included Technical Committees, the Federation of International Geo-engineering Societies, National or Regional Conferences relating to ISSMGE, 17th ICSMGE, Alexandria, 2009 and any other items of local interest. The following summarises the general views expressed:

- Regarding Technical Committees, Member Societies have expressed general satisfaction with the Terms of Reference, Planning of Activities and the members they have appointed.
- Regarding the FIGS, the majority of Member Societies are in favour of its creation though concerns were expressed about the potential cost (estimated at about EUR3500 per year), which should not lead to an increase in Member Society subscription fees. The President has assured Member Societies that within 2-3 years FIGS will generate their own income and will have financial autonomy. Also the 3 Sister Societies will keep their identity and autonomy. The President has stressed that the Agreement is for 2-3 years, and that if the experience is not positive, it will be possible to return to the present state.
- The Touring Lectures (ISSMGE International Seminars) organised by ISSMGE are considered to be very important for encouraging geotechnical activities in the less developed countries.
- The Young Geotechnical Engineers Conferences are considered to be an important activity that attracts and supports the younger generation.
- In general, the Regional Conferences in 2007 have received positive comments related to the participation of the Societies in the appointment of key persons.
- Encouragement for a strong participation in XVII ICSMGE, Alexandria, October 2009.

**Meetings related to Conferences**

Conference	Member Society + other representatives	Date
4th International Conference on Earthquake Geotechnical Engineering, June, Greece, Thessaloniki 2007 (meeting in Athens)	Hellenic Society	24 September 2005
11th Baltic Sea Conference, September 2008 (meeting in Riga)	Representatives from: Latvia, Estonia, Lithuania, Poland, Finland, Russia, Denmark, Germany	13 October 2005
14 African Regional Conference, Cameroon, November 2007 (meeting in Paris)	France + VP Africa	12 November 2005
14 African Regional Conference on Soil Mechanics and Geotechnical Engineering, Cameroon, November 2007 (meeting in Dakar)	CTGA	2 March 2006
14 ERCSMGE Madrid (meeting in Ljubljana)	Conference Advisory Committee members	29 May 2006
XVII ICSMGE (meeting in Alexandria)	CAC-COC members	1 July 2006
13 Pan-American Conference on Soil Mechanics and Geotechnical Engineering (Meeting in Curitiba, Brazil)	Conference Advisory Committee members	31 August, 2006
14 European Conference on Soil Mechanics and Geotechnical Engineering (meeting in Madrid)	Conference Advisory Committee members	29 September 2006
11th Baltic Sea Conference, September 2008 (meeting in Gdansk)	CAC-COC members	22 June 2007
TC4 meeting – 5th Earthquake Geotechnics Conference, Santiago de Chile, January 2011 (meeting in Thessaloniki)	CAC-COC members	26 June 2007
14 European Conference on Soil Mechanics and Geotechnical Engineering (meeting in Madrid)	European Council meeting	September 2007
X ARCSMGE -Brisbane	ISSMGE Council meeting	November 2007
XVII ICSMGE (meeting in Brisbane)	CAC members	November 2007
XIV ARCSMGE (selection of the venue, meeting in Yaoundé)	African Council meeting	November 2007
XIV ARCSMGE(selection of the venue, meeting in Kolkata)	Asian Council meeting	December 2007
XVII ICSMGE (meeting in Kolkata)	CAC members	December 2007
XVII ICSMGE, Alexandria (meeting in St. Petersburg)	CAC-COC members	17 June 2008
Danube European Conference (meeting in Gyor)	CAC-COC members	5 September 2008
12th Baltic Sea Conference, (meeting in Gdansk)	Meeting of Representatives from Baltic countries	September 2008
VI Environmental Geotechnics Congress (meeting in Bangalore)	CAC-COC members	18 December 2008
IV YIGE – (meeting in Alexandria)	CAC-COC members	26 February 2009
XVII ICSMGE - (meeting in Cairo)	CAC-COC members	27 February 2009
XIV Pan American – (meeting in Toronto)	CAC-COC members	12 March 2009
Danube Conference (meeting in Bratislava)	CAC- COC members	1st June 2009
V ICEGE(meeting in Tokyo)	CAC meeting	15 June 2009
XV ARCSMGE (meeting in Maputo)	CAC- COC members	29 July 2009
XVIII ICSMGE (meeting in Alexandria)	ISSMGE Board	3 October 2009
XVIII ICSMGE (meeting in Alexandria)	ISSMGE Council	4 October 2009
XIV ARCSMGE (meeting in Alexandria)	CAC meeting	7 October 2009
XIV ECSMGE (meeting in Alexandria)	CAC meeting	7 October 2009
XIV PANAM (meeting in Alexandria)	CAC meeting	7 October 2009
VI ICEG (meeting in Alexandria)	CAC meeting	7 October 2009

**Meetings with Sister Societies**

International Geosynthetics Society	Meeting in Ljubljana, 29 May 2006
International Tunnelling Association	Meeting in Lisbon, 5 July 2006 Council Meeting in, Budapest, 24 May 2009
International Association for Engineering Geology and the Environment	Council Meeting in Nottingham (UK), 6 September 2006
International Society for Rock Mechanics	Council Meeting in Singapore, 7 November 2006 Council Meeting, in Lisbon, 12 July 2007 Council Meeting in Tehran, 23 November 2008 Council Meeting in, Hong Kong, 18 May 2009
FedIGS	Meetings with Presidents, Immediate Past Presidents and Secretaries General of IAEG, ISRM and ISSMGE Paris - 11 November 2005 Amsterdam - 11 May 2006 Nottingham - 8 September 2006 Lisbon - 22 January 2007 Paris - 9 June 2007 London-25 January 2008 Ghent- 12 May 2008 Madrid- 19 September 2008 Cairo- 28 February 2009