

International Society of Soil Mechanics and Geotechnical Engineering

Minutes of the Council Meeting

RAI Congress Centre, Amsterdam, The Netherlands
6 June 1999, 8:30-12:30, 13:30-18:00

PRESENT:

Professor K Ishihara	- ISSMGE President
Professor M B Jamiolkowski	- ISSMGE Immediate Past President
Mr H Ejjaoui	- ISSMGE Vice President Africa
Professor Sang-Kyu Kim	- ISSMGE Vice President Asia
Professor M F Randolph	- ISSMGE Vice President Australasia
Professor H Brandl	- ISSMGE Vice President Europe
Mr G Springall	- ISSMGE Vice President North America
Professor F Bogossian	- ISSMGE Vice President South America
Dr S Amar	- ISSMGE Board Member
Professor R J Mair	- ISSMGE Board Member
Dr R H G Parry	- ISSMGE Secretary General
Professor R N Taylor	- ISSMGE Secretary General Elect
Mrs A J D Cobb	- ISSMGE Secretariat

Professor V de Mello	ISSMGE Past President
Mr J van Duivendijk	ICOLD
Dr Pedro Sêco e Pinto	ISRM

Dr P Day	Chairman ISSMGE TC23
Professor R Katzenbach	Chairman ISSMGE TC5
Dr V V S Rao	Chairman ISSMGE TC20
Professor H Ochiai	Chairman ISSMGE TC9
Dr R Phillips	Chairman ISSMGE TC2
Professor K Sassa	Co-Chairman ISSMGE TC11
Dr S Lacasse	Chairman ISSMGE TC14
Dr P Sêco e Pinto	Chairman ISSMGE TC4
Mr M Gambin	Representative ISSMGE TC16

Member Society	Voting Member	Non-Voting Member
Argentina	Professor F Bogossian*	
Australia	Mr M Ervin	
Austria	Professor H Brandl	Dr M Fross
Azerbaijan	---	
Bangladesh	---	
Belgium	Professor W F Van Impe	Professor A Holeyman
Bolivia	Professor F Bogossian*	
Brazil	Professor L de Mello	
Bulgaria	Professor H Brandl*	
Canada	Professor J Graham	Dr S Lacasse
Chile	---	
China	---	
Colombia	Mr A Lizcano	
Costa Rica	---	
Croatia	Ms B Maric	Dr V Szavits-Nossan
CTGA	Mr O Chemaou Elfihri	
Czech & Slovak Rs	Professor I Vanicek	Professor JFeda
Denmark	Professor J Steenfelt	Mr J B Clausen/Mr H Denver
Ecuador	Professor F Bogossian*	
Egypt	---	
Estonia	Professor M Mets	
Finland	Mr H Rathmayer	
France	Mr A Pecker	Mr M Gambin

Germany	Professor W Wittke	Professor E H M Nussbaumer
Ghana	---	
Greece	Dr S Cavounidis	Dr A G Anagnostopoulos
Hungary	Dr R Szczepeshazi	
Iceland	---	
India	Professor V V S Rao	
Indonesia	Professor Sang-Kyu Kim*	
Iran	---	
Ireland	Dr T L L Orr	
Israel	---	
Italy	Professor G Scarpeli	
Japan	Professor T Kimura	Professor H Sekiguchi
Kazakhstan	Professor A Zhusupbekov	Dr T Bagdat
Kenya	---	
Korea R	Dr Myung-Whan Lee	
Latvia	---	
Lithuania	Dr V Stragys	
Mexico	Mr L E Montañez	
Morocco	Mr H Ejjaouani	
Nepal	---	
Netherlands	---	
New Zealand	Professor M F Randolph*	
Nigeria	---	
Norway	Mr S Hermann	
Pakistan	---	
Paraguay	---	
Peru	---	
Poland	Professor E Dembicki	Professor Zb Mylanarek
Portugal	Professor P Sêco e Pinto	
Romania	Professor I Manoliu	A/Professor N Radulescu
Russia	Professor V A Ilyichev	
Slovenia	---	
South Africa	Mr P Day	
S E Asia	---	
Spain	Dr V Cuéllar	Mr E Dapena
Sri Lanka	Professor Sang-Kyu Kim*	
Sudan	---	
Sweden	Mr B Lundahl	Mr B Rygell
Switzerland	Professor F Descoeudres	Dr M Caprez/Dr L Vulliet
Syria	---	
Tunisia	---	
Turkey	Professor E Togrol	Professor U Arslan
U K	Dr Q Leiper	
U S A	Mr R E Smith	Professor H E Wahls
Venezuela	---	
Vietnam	---	
Yugoslaviaq	---	
Zimbabwe	---	

* denotes Proxy Vote

APOLOGIES:

Professor Mike Duncan	ISSMGE Board Member
Professor Tatsuoka	Chair TC29
Mr P Teixeira da Cruz	Chair TC25
Dr R A Jewell	Chair TC26
Professor I Vardoulakis	Chair TC34
Dr R Massarsch	Chair TC10
Dr M Deveughèle	Secretary General IAEG
Mr C Berenguier	Secretary General ITA

INTRODUCTION

1. The President opened the meeting by welcoming the Member Society delegates and invited participants.

INTRODUCTION OF THE NEW SECRETARY GENERAL

2. The President introduced Professor Neil Taylor who had been chosen as the new Secretary General, and who would

succeed Dr Parry at the end of the Council Meeting. Professor Taylor is Professor of Geotechnical Engineering at City University, London, and the Secretariat would be transferred to London directly after the Council Meeting.

LIST OF DELEGATES AND OTHER PERSONS PRESENT

3. The list of delegates who had notified the Secretary General in advance of their intention to participate in the Council Meeting was presented and their attendance was subsequently confirmed. Apologies for absence were also noted.

CONFIRMATION OF QUORUM (STATUTE 12K)

4. A roll call at the start of the meeting indicated that there were 38 voting delegates present. The Secretary General confirmed that there were 56 Member Societies entitled to vote, and as the number of voting delegates was in excess of two-thirds of this number, the meeting was quorate to deal with all matters. It was also noted that in addition to the voting delegates, there were 3 proxy votes.

MEMBERSHIP

5. The Secretary General presented his Report on the ISSMGE membership, which is included as Appendix 1. In January 1999, the ISSMGE membership was 16214 from 71 Member Societies. This compared with 16763 members from 71 Member Societies as reported to the 1997 Council Meeting. Significant reductions in membership were from India (430 to 225), South East Asia (406 to 250) and United States (3586 to 3108). Noticeable increases in membership were in Australia (432 to 603), Brazil (242 to 321) and Slovenia (31 to 127). Member Societies in arrears with their subscriptions for four or more years were Ghana, Kenya, Latvia, Nigeria, Peru, Yugoslavia and Zimbabwe. There was also a small decline in the number of Corporate Members, from 25 to 23. He noted that the Board was considering new initiatives to increase Corporate Sponsorship of the Society. In discussion, the President expressed his concern at the increase in Member Societies who were in debt.

REGIONAL REPORTS BY VICE-PRESIDENTS

6. The six Vice-Presidents presented their Reports to Council, copies of which are given in Appendix 2. The President was pleased to hear of the considerable breadth of activity throughout the regions, and of the effective planning for the forthcoming Regional Conferences. Further comments were invited from the delegates, but none were forthcoming.

TECHNICAL COMMITTEES

7. The President first undertook to explain the procedure whereby the present membership and activity of the Technical Committees had been determined; details are given in Appendix 3. Towards the end of his term of office, the Immediate Past-President, Professor Jamiolkowski, had written to all Member Societies requesting nominations from their membership of suitable representatives to join TCs. The President used the Secretariat to make a similar request shortly after taking up office. However, not more than half the Member Societies responded to these requests. Meanwhile the President undertook some restructuring of certain TCs to reflect the general activity of the Society and devel-

opments in geotechnical engineering. He also asked TC Chairs to confirm their list of members and to assist them the President circulated a set of guidelines for choosing members of TCs (given in Appendix 3). In addition, he requested the Chairs to submit suggested terms of reference.

8. The outcome of these exercises was summarised in a Table giving the current status of activities of all TCs, and which is also presented in Appendix 3. This indicated that most, though not all, TCs had positive plans for the next 2 years. The President commented that despite many efforts, it had not been possible to compile a complete set of addresses for all members of all TCs.
9. In discussion, Mr Rathmayer thought that TCs should be encouraged to report more frequently on their activity. He mentioned that in the report from the Hamburg Conference, many TCs had only given their Terms of Reference rather than a summary of what had actually been achieved. Professor Steinfeldt agreed, stating that discussion on the activities of TCs would be helpful. Professor Togrol saw the benefits in reports from TCs but thought that discussion would be difficult. Dr Lundahl remarked that in addition to the guidelines for choosing members of TCs, there could also be guidelines for reporting. The Secretary General reminded Council that in the past, a quadrennial Administrative Report on TCs had been produced. Professor L de Mello suggested that reporting TC activities using the web-site could be an effective method of disseminating information. There was some support for this idea, which would be discussed later in the meeting.
10. The opportunity was taken to allow the various TC Chairs present at the meeting to make a brief report on recent or new activities.

TC	Report
TC2: Prof. Phillips	The TC had been renamed Centrifuge and Physical Model Testing to reflect more closely its activity. Its Terms of Reference were listed on the web-page for the TC, which included a major Conference in St Johns in 2002.
TC4: Prof. Sêco e Pinto	The Committee would meet during the ECSMGE. The TC was involved with the Second International Conference on Earthquake Loading in June 1999, a workshop in New Zealand early in 2000 and a workshop during Geo-Eng2000.
TC5: Prof. Katzenbach	Various Task Forces had been established within the TC.
TC5: Prof. Van Impe	A Conference Advisory Committee meeting for the next ICEG would be held during the forthcoming Pan-American Conference in Iguazu.
TC8: Mr Rathmayer	Dr Slunga had retired, and TC8 now had a new Chairman.
TC9: Prof. Ochiai	An International Conference was being organised in 2001 and there were important collaborations with the IGS.
TC11: Prof. Sassa	Professor Sassa was now co-chairman of the TC. A newsletter was produced giving information on the TC. Future activity should emphasise the damage to cultural heritage caused by landslides.
TC18: Prof. Van Impe	The Conference on the Application of Stress-Wave Theory to Piles in Brazil was not sponsored by TC18 and some

- adjustment to the summary Table was needed.
- TC14: Dr Lacasse The TC should perhaps review its progress and communicate more effectively its achievements.
- TC16: Mr Gambin The TC had met on the previous day, and the terms of reference of the TC were now established. The Report on Cone Penetration Testing was published in the ECSMGE Proceedings.
- TC20: Dr Rao The TC had held a very successful committee meeting on the previous day.
- TC23: Mr Day The TC was to some extent overshadowed by Eurocode EC7. However, the TC was still active and they held a Symposium in 1998. The Committee would meet during the course of the ECSMGE.
- TC28: Prof. Mair An International Symposium would be held in Tokyo in July 1999, and there were discussions regarding a Regional Symposium in China in 2000.
11. There were no further comments. The President was appreciative of the many contributions to TC activity which he saw as an important part of the ISSMGE business.

COMMUNICATIONS, INCLUDING SGI-LINE

12. A Report on the International Information Retrieval System for Geotechnical Literature is given in Appendix 4. Professor Randolph reported that the database had been available on a free access basis for most of 1998 and, as had been agreed, users were now being asked to subscribe for the service. In order to improve the service and to rectify any shortcomings, both Professor Randolph and SGI were hopeful that users would provide detailed feedback. At present there were about 25 subscribers and most accesses to the database were made from European countries. An important part of the ISSMGE agreement with SGI was the provision of 25 free subscriptions, and the Vice-Presidents were reminded of their need to specify appropriate recipient institutions.

ISSMGE WEB-SITE AND ISSMGE NEWS

13. Professor Taylor outlined the development of the new ISSMGE web-site, the key features of which are described in Appendix 5. He gave a brief demonstration of the site to illustrate the range of material that had been assembled. As well as information on the ISSMGE and its main activities and conferences, the site includes a News section which will eventually replace the presently printed version of the Newsletter. Comments from those who had visited the site were generally very favourable, and Professor Taylor was pleased to report that the number of accesses to the site was increasing almost exponentially.
14. The discussion returned to the issue of reporting ISSMGE activities, and in particular the work of TCs. Professor V de Mello suggested that a motion should be proposed requiring all TCs to establish their own web-site. However, the general feeling was that this would be too onerous for some TCs to do this. However, there was considerable support for reports of the activities of TCs to be included on the web-site.
15. The following motion was proposed by Dr Lacasse and seconded by Professor Van Impe, Professor Steinfeldt and Dr Leiper:

The International Society of Soil Mechanics and Geotechnical Engineering is to request that each Chair of the International Technical Committees produces a report which includes the list of members, plans and progress of their work. The report is to be prepared in a format to be suggested by the Secretary General. The report is to be updated at least annually, and will be included on the ISSMGE website.

16. The motion was carried nem com.

XVI ICSMGE 2005

17. As the only invitation submitted "sufficiently far in advance to be placed on the agenda of the Council Meeting six years in advance of the International Conference." (Statute 14B) the XVI ICSMGE 2005 will be held in Osaka, hosted by the Japanese Geotechnical Society. Professor Kimura, Chair of the JGS, was invited to make a brief presentation. He first expressed his surprise that there had not been other competing bids for the XVI ICSMGE, and that there was perhaps a need to revitalise this quadrennial event. Nevertheless, he welcomed the challenge of hosting the conference, and he welcomed the new ISSMGE Young Engineers awards (to be discussed later in this Council Meeting). He was sure that Osaka would prove to be an excellent venue and that the Japanese Member Society would strive to make the conference the most successful ever. A short video describing the proposed conference and venue was shown.

GEOENG 2000

18. Mr Ervin was invited to present his Report to Council, reproduced in Appendix 6. He confirmed that most of the main speakers for the various sessions had now been selected in agreement with the three sponsoring International Societies. Not all geotechnical engineering topics would be covered, a notable exception being piling engineering. However, he thought that there would be plenty of interesting sessions for all participants. Other societies had co-sponsored the event, including IGS, ITA, IAH, IACMAG and ICOLD and these could be involved in some of the special lectures. Publicity of the conference had been widespread, and it was hoped that many abstracts would be received, the deadline for which had been extended to the end of June 1999. Arrangements for publication using CD-ROM had been made, with the option of hardcopy production if requested. He also confirmed that the three sister societies, ISSMGE, ISRM and IAEG had agreed to hold Board meetings at the time of the conference, and that the ISRM would also hold their Council meeting in Melbourne.

XV ICSMGE 2001

19. Professor Togrol summarised the main points of his report, given in Appendix 7. Bulletin 1 was now being circulated and planning for the principal lectures and plenary sessions was well in hand. He also stressed the wish of the Organising Committee to provide reduced registration fees for young researchers and engineers. A special feature of the conference would be the satellite workshops on specific themes. These workshops would precede the main conference and would be held at different locations in Turkey. The President requested input from Council in choosing and defining the workshops.

20. Professor Bogossian gave a brief Report to Council on the progress made in organising the forthcoming ICEG in Rio de Janeiro in 2002. The topics and themes to be covered during the conference had been defined, and the general organisation of the event was well in hand. The Conference Organising Committee would meet again during the Panamerican Conference. The President thanked Professor Bogossian, acknowledging the hard work involved in organising an event of such importance.

ISSMGE HERITAGE MUSEUM

21. The President reported on the developments of the heritage museum, the details of which appear in Appendix 8. Three places had been visited: Istanbul, Vienna and the Deutsche Museum in Munich. As a result of these visits, the President had drafted a set of conditions for establishing a Heritage museum, which could be used by others in the future.
22. In summarising the present state, the President indicated that the proposal of the Deutsche Museum offered the opportunity for many exhibits to be available to the general public. The ISSMGE would need to be involved at an early stage so as to be able to influence and assist with the planning. Consequently, the President had taken the decision of provisionally accepting the proposal for a Heritage Museum in Munich. The proposals for Istanbul and Vienna were both interesting, and the President hoped that there would be agreement from Council to support them. He then invited comments from Council.
23. Professor V de Mello thought it important to look to other places, for example the USA, in the future and he encouraged others to propose Heritage Museums. The President was reminded that the Terzaghi library at NGI would be considered as a Heritage Museum but would continue to be operated independently. Professor Togrol pointed out that the original plan had been to establish a unique International Museum, which was perhaps different to the Munich proposal. The President indicated that the Munich Museum could have a plaque indicating ISSMGE endorsement, and his various assessments of possible museum sites had led to the conclusion that it would be better to establish multiple museums of their own character but each satisfying the same high standards.
24. Professor Wittke gave more details on the Deutsche Museum in Munich. The main museum attracted 1-2 million visitors each year. Developments within the museum meant that space for the ISSMGE section would come available soon and that it was planned for the displays to open in 2003. A Commission would be established to oversee the planned exhibits, which should cover geology, testing, constitutive models, design and practice in geotechnical engineering. The costs of setting up the displays, estimated at DM1-2,000,000 would be met by the Museum and donations from German construction companies. The German Member Society would be involved in a Museum Committee running the planned Geotechnical Engineering exhibition, together with the ISSMGE.
25. Regarding the proposed Heritage Museum in Vienna, Professor Brandl confirmed that although there was significant damage to equipment during the Second World War, about 70% of the planned exhibits for the Museum are essentially original, and some replacement apparatus are being manufactured using original drawings. Professor Togrol indicated

that in order to progress the planned Museum in Istanbul, he needed agreement to be established between ISSMGE and the Technical University in Istanbul.

26. With regard to budget, Professor Mair confirmed that the only commitment for the ISSMGE would be for travel and subsistence expenses for members of the ISSMGE committee overseeing the development of the Heritage Museums.
27. In conclusion, Council members were generally supportive of the proposed museum developments.

INTERNATIONAL YGEC 2000

28. In presenting his report, given in Appendix 9, the Secretary General stated that excellent arrangements were in hand for the YGEC 2000 conference to be held in Southampton, UK in September 2000. The Organising Committee had opted for the requirement for delegates to submit short, 2-page papers on their project in keeping with the original ethos of YGEC meetings. The conference had been extended to 4½ days and the organisation of technical sessions and site visits were all well in hand. Professor Ishihara, Dr Lacasse and Professor Mair had agreed to give keynote lectures. Recently, Professor R.K. Rowe had also been invited to give a lecture and a reply was awaited.
29. Professor Togrol noted that at the 1997 Council meeting, a budget of GBP4000 had been given whereas the budget now appeared to be GBP9000. The Secretary General confirmed that a new budget was proposed, and that there would be an opportunity to discuss this later. Dr Cavounidis gave a brief outline of the forthcoming European YGEC to be held in Santorini, Greece in September 1999. All was set for a successful conference, although some member societies in the Region had not yet replied. He commented that financial support of GBP2000 had been received from the Society for running the conference and he wondered if this could now be increased in light of the additional support given to YGEC 2000. However, it was pointed out that the two events were different in nature, and in particular that the YGEC 2000 is International, and a one-off event.

AMENDMENT TO STATUTE 12G

30. The President reminded Council that the issue had been discussed in Hamburg. The proposal before Council was to make the following changes:

Present Statute 12G:

"A Member Society which is not able to have a delegate present may transfer its voting rights either to its own Vice-President or to the delegate of another Member Society having notified this in writing to the Secretary General. However, no delegate may carry more than four such proxy votes."

Proposed amended Statute 12G:

"A Member Society which is not able to have a delegate present may transfer its voting rights either to its own Vice-President or to the delegate of another Member Society having notified this in writing to the Secretary General before the Council Meeting. No delegate may carry more than two such proxy votes, with the exception of the ISSMGE Vice-Presidents who may carry three such proxy votes."

31. Since this had been agreed by a two-thirds majority at the Council Meeting held in Hamburg on 7 September 1997, the motion could now be carried by a two-thirds majority vote.

However, any change in Statutes would become effective only for subsequent meetings of Council and would not apply to the present meeting.

32. In discussion, Professor L de Mello, delegate for Brazil, argued that since there were so few Latin American countries present, the vote should be delayed to a later meeting when more members could participate in the vote. However, a number of other delegates thought that since the issue had been discussed for some time, it was appropriate to move to a vote. The Secretary General confirmed that, allowing for proxy votes, there were 41 voting delegates present. The votes cast were 35 in favour, 6 against and no abstentions. Since there were more than two-thirds votes cast in favour, the motion was carried.

AMENDMENT TO STATUTES 18B, 18C, 18D AND 12I

33. The President outlined the present and proposed Statutes, which had been discussed at the 1997 Council Meeting. The following changes were proposed:

Present Statute 18B:

An amendment to the Statutes which is passed with no votes against by the Council shall come into effect from the date fixed by the Council".

Proposed amended Statute 18B:

"An amendment to the Statutes may be passed by a qualified majority of three-quarters of Council, voting in accordance with Statute 12K and By-law 12.K.1."

Present Statute 18C:

"Otherwise an amendment to the Statutes shall require a two-thirds majority at two successive Council meetings."

Proposed amended Statute 18C:

To be deleted.

Present Statute 18D:

"Amendment to the By-laws shall be by a simple majority of the Council."

Proposed Statute 18D:

To be renumbered as Statute "18C".

Present Statute 12I:

"Resolutions shall be carried by a simple majority of those voting, except for those resolutions altering the Statutes or terminating membership, for which the assent of at least two-thirds of those voting is required."

Proposed amended Statute 12I:

"Motions shall be carried by a simple majority of those voting, except for those motions altering the statutes or terminating membership, for which the assent of at least three-quarters of those voting is required."

34. Council was reminded that the motions could be carried by a two-thirds majority, since they had already been agreed by a two-thirds majority at the Council Meeting held in Hamburg on 7 September, 1997. There were no comments from Council. The votes cast were 36 in favour, 1 against and 2 abstentions. The motion was therefore carried.

AMENDMENT TO BY-LAW 10B.1

35. The President introduced this item. He commented that since taking office, he had overseen the selection of a new Secretary General, and that he felt that it would now be appropriate to make some changes to the By-laws relating to this. Changes to By-law 10B.1 were notified in the agenda circulated, but he realised that in fact his proposed amendments

concerned also By-law 10B.2. These amendments would be considered separately.

Present By-law 10.1:

"In appointing the Secretary General, who should be a member of the International Society, the President shall consult with the Board and with the Member Society within whose country the Secretariat is to reside (the Host Member Society)".

Proposed amended By-law 10B.1:

"About 18 months before the office of the Secretary General becomes vacant, the current President will invite Member Societies to submit proposals for filling the post. Each proposal should include the name of the person recommended for the post, together with the location and structure of the Secretariat and an estimated budget plan for its operation. The President shall set up an Appointment Committee made up of 3 Board Members selected by the President, plus the immediate Past President and the President who will chair this Committee. The candidate for the new Secretary General elected by the Committee, together with the proposed location and structure of the Secretariat, will be put to the Board and must be supported by its majority."

36. In discussion, Professor Togrol thought that some rewording to deal with the potential premature termination of the Secretary General might be appropriate. However, there were no further comments, and in a vote, 38 were in favour, 1 against and 2 abstained. Since changes to By-laws require only a simple majority of Council, the motion was carried.

37. The term of appointment of the Secretary General was dealt with in By-law 10B.2 to which the President proposed an amendment as follows:

Present By-law 10B.2:

"The terms of appointment of the Secretary General shall be decided by the President in consultation with the Finance and Budget Committee."

Proposed amended By-law 10B.2:

"The term of appointment will be 8 years from mid-term to mid-term of the ICSMGE. The name of the incumbent Secretary General could be included in the above mentioned proposal and discussed in the Appointment Committee along with other proposals. In exceptional circumstances, the incumbent Secretary General may be reappointed, but his/her extended term of office should be four years only."

38. Considerable discussion followed. Professor Wahls thought that the proposal was too restrictive, and that reference to "exceptional circumstances" was unnecessary. Professor Steinfeld was also concerned with the effective limitations on the length of appointment. Mr Irvine agreed, and thought that it was unnecessary to limit any extension of appointment to only 4 years. In contrast, Professor Randolph and Professor Mair both thought it better to make the appointment for a maximum of 8 years, so that there would be continued "new blood" in the appointment of the Secretary General. Dr Leiper thought that simply stating that the period of appointment would generally be 8 years would cover all views expressed. Mr Lundahl agreed stating that the usual period of appointment should be 8 years, and it should be recognised that this could be terminated if necessary. The Secretary General, Dr Parry, commented that it would be helpful to all to know the specific period of appointment. There was some discussion as to whether or not Council was debating the "terms of employment" for the Secretary General, but it was concluded that this was not the case. Emerging from the discussion was the following:

Revised proposed amendment to By-law 10B.2:

"The terms of appointment of the Secretary General shall be decided by the President in consultation with the Finance and Budget Committee. The period of appointment will be 8 years from mid-term to mid-term of the ICSMGE. The name of the incumbent Secretary General could be included in the above mentioned proposal and discussed in the Appointment Committee along with other proposals. The incumbent Secretary General may be reappointed, but their extended term of office should be four years only."

39. When put to the ballot, 31 votes were cast in favour, 8 against and 2 abstained. The motion was therefore carried.

**MOTION TO BE PUT TO THE MEETING BY THE
GERMAN MEMBER SOCIETY TO AMEND ISSMGE
STATUTE 3D.**

40. The President introduced this item, and reminded Council that since it had been carried by a two-thirds majority at the previous Council meeting, then another vote of two-thirds in favour would carry the motion.

Present Statute 3D:

"The official languages shall be used in the proceedings and plenary technical sessions of an International Conference".

Proposed amended Statute 3D:

"The official languages should be used in the proceedings and sessions of an International Conference. The language of the host country may also be used for oral presentations and discussions as an unofficial language, if the host country so wishes, and if simultaneous translations are provided. The costs for these simultaneous translations have to be borne by the host country and shall not be charged to the registration fees".

41. In discussion, Professor Steenfelt explained that he had been against the amendment when it had been debated previously. He went further to state that the introduction of the host country language, as had been allowed at the XIV ICSMGE, had not been successful and that this reinforced his view that the amendment should be voted out. He also considered that permitting an unofficial language could burden conference organisers with significant costs that might prove difficult to cover.
42. Professor Wittke explained that the official languages would remain English and French, but that the introduction of an unofficial language would give greater freedom to the conference organisers. He also stated that this was not really a "German" issue since the German Member Society would not be hosting another International Conference for some time. Professor Ilyichev expressed his opinion that introduction of the local language could be helpful.
43. Professor Jamiolkowski thought that introduction of another language was against the philosophy of the International Conferences. Also, translation of technical terms was almost impossible, and the potential introduction of another language into a conference would increase the difficulties of conference participants understanding translated discussion. Thus it would be unlikely to encourage foreign delegates to attend. Professor Togrol agreed, and thought that the introduction of a third language would not actually help discussion.
44. When put to the ballot, 4 votes were cast in favour, 36 against and 1 abstained. The motion was therefore lost.

**ESTABLISHMENT OF YOUNG GEOTECHNICAL
ENGINEERS' AWARD.**

45. Professor Randolph introduced the procedure of this awards scheme. It had been discussed by the Board on the previous day, and details of the scheme are given in Appendix 10. Eligible candidates for an award must be less than 36 years of age in the year of the quadrennial International Conference and the basis of the award is a paper published in that conference or one of the five Regional Conferences. The key deciding factor will be the technical merit of the published work. A review committee will be established in the Board and a timetable had been devised which would allow the awards scheme to be implemented for the XV ICSMGE, Istanbul.
46. In discussion, concerns were raised by Mr Smith and Professor Wahls on the age limit. However, Professor Randolph thought the scheme as devised should be tried out first before considering changes. Dr Cavounidis asked if the award scheme could apply only to papers with a sole author. Professor Randolph explained that in multiple authored papers, the contribution of the candidate needed to be confirmed. On a show of hands, Council gave the awards scheme general approval.

**RELATIONS WITH ISRM, IAEG AND OTHER
INTERNATIONAL ORGANISATIONS.**

47. The Secretary General presented a brief report on activities with other Societies, which is included in Appendix 11. ISSMGE continued to be an affiliated member of the International Union of Geological Sciences. The Presidents and Secretaries General of the three Sister Societies, ISSMGE, ISRM and IAEG, had met during the course of the Hard Soils – Soft Rocks conference in Naples in 1998 and common areas of interest had been identified as education, landslides and ancient monuments. It was agreed that the Societies should cooperate as much as possible, and officers of the Sister Societies would meet again during the GeoEng2000 conference.

MANUAL FOR PREPARATION OF TECHNICAL PAPERS.

48. Following the proposal by the Israeli Member Society at the 1997 Council Meeting, Professor Bogossian had prepared a draft manual, which with some amendments by Professor Taylor had been presented for comment to the Board. Professor Taylor explained that the revised manual, now included in Appendix 12, was not intended to be prescriptive, since publishers of Proceedings will generally wish to retain their house-style. However, it was hoped that it would allow reasonable consistency to be achieved within ISSMGE publications. The guidelines, as presented by Professor Taylor, were generally welcomed by Council, and it was agreed that they should be made available via the web-site in due course.

AUDITED ACCOUNTS 1997, 1998

49. The Secretary General reported that the ISSMGE audited accounts for 1997 (Appendix 13) showed a decrease in cash balance of CHF59823 in the Credit Suisse account and a net surplus of GBP28722 in the UK accounts. Assuming GBP1 = CHF2.4 this indicated an overall increase of GBP3796. Though this may seem reasonable, it should be noted that in the 1997 accounting year GBP16762 was received from the Hamburg ICSMGE and the costs of printing and posting the 1997 list of members would appear in the 1998 accounts. In

comparing actual and budgeted receipts and expenditure, the main differences to note were Member Society Income which was GBP18333 less than budget, interest received which was GBP4585 more than budget and travel expenditure which was GBP7829 less than budget. In the Extraordinary items, Corporate Member subscriptions were GBP2961 less than budget and Conference Income was GBP3238 less than budget.

50. The ISSMGE audited accounts for 1998 (Appendix 13) showed a decrease of CHF115331 in the Credit Suisse account and an increase of GBP50433 in the UK accounts, which assuming GBP1 = CHF2.285 gives an overall increase of GBP40. The significant changes in the balances arose from a recommendation by Professor Mair that a large proportion of the Swiss funds should be transferred to UK one-year Treasury Deposits. Interest on these deposits would be received in 1999. In comparing accounts for the years 1997 and 1998, it was noted that Member Society subscriptions of GBP80467 were well up on the 1997 figure of GP64867, probably as a result of receipt of back payments and changes in the exchange rates of GBP to CHF. Ordinary expenditure in 1998 was GBP63728 compared with GBP71954 in 1997, largely as a result of reduced expenditure on office equipment, photocopying, stationery, printing, postage and travel. Corporate Member subscriptions were low partly due to late posting of subscription notices. Conference support in 1998 was lower than in 1997, but the combined cost of the News and web-site was slightly higher in 1998 compared with 1997. The cost of printing and posting the 1997 List of Members also appeared in the 1998 accounts, and the overall expenditure was then GBP16310 in 1998 compared to GBP18439 in 1997. In comparison to the budget, Member Society subscriptions were slightly higher, and costs of the Secretariat were slightly lower. Travel costs of GBP12005 were substantially lower than the budgeted figure of GBP27750.

51. The accounts for 1997 were audited by Coopers and Lybrand, Chartered Accountants and Registered Auditors, and the accounts for 1998 were audited by Pricewaterhouse-Coopers, Chartered Accountants and Registered Auditors.

52. Acceptance of the accounts was proposed by Professor Graham and seconded by Mr Day, and agreed by Council on a show of hands.

BUDGET 1999-2002

53. Professor Mair presented the budget he had prepared, and which is included as Appendix 14. The budget was similar to previous years and Professor Mair concentrated on the main differences. A 12.5% increase in subscription rate was proposed for the year 2002, and it was noted that this would be the first increase since 1991. The new initiative of the web-site was seen as important and expenditure of GBP9000 in 1999 and GBP8000 in subsequent years was proposed. The cost of the Secretariat was similar to previous years though some extra expense would be incurred in transferring the Secretariat from Cambridge to London. On the Extraordinary Budget, Professor Mair noted that the subscriptions from Corporate Members were not particularly high, and that this was being considered by the Board. The costs of SGI Line were in accordance with the agreement between ISSMGE and SGI. Conference Support in 2000 included a number of travel bursaries for nominated delegates to YGEC 2000 from developing countries. The Newsletter and Francophone bulletins would be transferred to the web-site and publication in hardcopy form would cease in 2001. The budget showed a

gradual deficit and Professor Mair stated that although this could be seen in the short term as a reasonable use of the accumulated funds of the Society, the position would need to be stabilised by either increased income or reduced expenditure.

54. In discussion, Dr Cavounidis argued for more financial support for the European YGEC to be held in Santorini, Greece in September 1999. He argued that this should be forthcoming since it had been possible to budget for increased funding to YGEC 2000. However, the Secretary General pointed out that YGEC 2000 was a special one-off International event for which increased expenditure was justified and had been agreed. Mr Rathmayer wondered why the anticipated membership had been kept constant. The Secretary General replied that increased membership of the Society was the responsibility of Member Societies. Professor Van Impe noted that there was an increase in cost of the Secretariat compared to the Budget agreed at the 1997 Council meeting. Professor Mair confirmed that this was the case, and that it reflected the change in Secretariat that had been agreed by the Board subsequent to the Council Meeting. Mr Day proposed acceptance of the Budget, and reflected that the way to increase membership would be by increasing activities and new initiatives of the Society. Professor Togrol agreed and seconded the proposal. Council expressed its approval by a show of hands.

INFORMAL MEETING OF MEMBER SOCIETY REPRESENTATIVES IN MELBOURNE ON THE OCCASION OF GEOENG2000

55. The Secretary General presented a short report concerning the possibility of an informal meeting of Council on the occasion of the GeoEng2000 conference. The event was a rather special occasion with the three Sister Societies represented, and it had been considered appropriate to have a meeting of ISSMGE Member Society representatives during the conference. Issues to be discussed could be the future directions of the Society and ideas for new initiatives. Although there would be no obligation for Member Societies to send representatives, and no formal voting would take place, nevertheless there could be substantial forward-thinking discussion on the activities of the Society. The conference organisers had agreed to make the arrangements for such a meeting if it received Council support. This was indicated by a show of hands.

ANY OTHER BUSINESS

56. The President announced that the issue of reduced registration fees for certain delegates attending ISSMGE conferences had been discussed by the Board. A set of guidelines had been drawn up, which are presented in Appendix 15, and it was hoped that conference organisers would find these useful.
57. Professor Togrol expressed the appreciation of Council to the Netherlands Member Society for their arrangements of facilities for the Council meeting.

DATE AND VENUE OF NEXT MEETING

58. The next meeting of Council will take place on 26 August 2001 in Istanbul on the occasion of the XV ICSMGE.

APPRECIATION FOR THE OUTGOING SECRETARY GENERAL, DR R H G PARRY, BY THE PRESIDENT

59. The President noted that this would be the last meeting at which the Secretary General, Dr Parry, would attend as an officer of the Society. Dr Parry had served as Secretary General since 1981, and the President wished to express his personal appreciation, and that of the Society, for all Dr Parry had achieved over the years. He had served 5 Presidents who had relied heavily on him for sound advice. Dr Parry had been fully committed to the future of the Society and had displayed superb diplomatic skills in difficult situations. He had played a particularly important role in promoting geo-technical engineering in developing countries. The full text of the President's appreciation to Dr Parry is given in Appendix 16.

60. In reply, Dr Parry expressed his thanks to the President and to the 4 Past Presidents with whom he had worked. He expressed his appreciation for the support and generosity of the Society as a whole, which he had enjoyed working with and contributing to over the years. He mentioned particularly the important changes in focus of the Society introduced by Professor V de Mello, the first President he had served. He thanked Mrs Amy Cobb, his secretary for many years, for her support and assistance, and Cambridge University for their provision of the office for the Secretariat.

APPENDIX 1 – MEMBER SOCIETIES AND MEMBERSHIP

ISSMGE membership on 5 January, 1999 was 16214 in 71 Member Societies compared to 16763 members in 71 Member Societies on 10 May, 1997 as reported to the Council Meeting held in Hamburg on 7 September, 1997. The most noticeable drops in membership were India from 430 to 225, South East Asia 406 to 250 and the United States 3586 to 3108. Significant increases in membership were shown by Australia 432 to 603, Brazil 242 to 321 and Slovenia 31 to 127.

Member Societies with membership payments four years or more in arrears are: Ghana, Kenya, Latvia and Nigeria, Peru, Yugoslavia and Zimbabwe.

Corporate Membership has dropped from 25 to 23. L & M Geotechnic Pte Ltd, Singapore and TPL - Technologie Progetti Lavori S.p.A, Italy are no longer Corporate Members.

ISSMGE CORPORATE MEMBERS

Agra Earth & Environmental Ltd, Canada
 Apagéo-Segelm, France
 Bauer Spezialtiefbau GmbH, Germany
 China Engineering Consultants Inc, Taiwan
 China Harbour Engineering Company, Hong Kong
 Concrete Engineering Products Bdh, Malaysia

ISSMGE MEMBERSHIP TABLE - 5 January, 1999

Member Societies	No. Members	Africa	Asia	Australasia	Europe	North America	South America
Argentina	44						44
Australia	603			603			
Austria	89				89		
Azerbaijan	13				13		
Bangladesh	33		33				
Belgium	70				70		
Bolivia	13						13
Brazil	321						321
Bulgaria	52				52		
Canada	889					889	
Chile	53						53
China	106		106				
Colombia	37						37
Costa Rica	58						58
Croatia	126				126		
CTGA	14	14					
Czech & Slovak Republics	43				43		
Denmark	275				275		
Ecuador	24						24
Egypt	20	20					
Estonia	30				30		
Finland	177				177		
France	746				746		
Germany	1517				1517		
Ghana	33	33					
Greece	158				158		
Hungary	84				84		
Iceland	10				10		
India	225		225				
Indonesia	70		70				
Iran	58		58				
Ireland	32				32		
Israel	74		74				
Italy	262				262		

Japan	1327		1327				
Kazakhstan	18		18				
Kenya	21	21					
Korean R	146		146				
Latavia	31				31		
Lithuania	40				40		
Mexico	180					180	
Morocco	12	12					
Nepal	15		15				
Netherlands	325				325		
New Zealand	238			238			
Nigeria	58	58					
Norway	335				335		
Pakistan	80		80				
Paraguay	17						17
Peru	25						25
Poland	128				128		
Portugal	181				181		
Romania	53				53		
Russia	235				235		
Slovenia	127				127		
South Africa	506	506					
S E Asia	250		250				
Spain	230				230		
Sri Lanka	34		34				
Sudan	25	25					
Sweden	517				517		
Switzerland	264				264		
Syria	17		17				
Tunisia	10	10					
Turkey	181				181		
UK	945				945		
USA	3108					3108	
Venezuela	26						26
Vietnam	18		18				
Yugoslavia	29				29		
Zimbabwe	103	103					
TOTAL	16214	802	2471	841	7305	4177	618

Dredging International NV, Belgium
 Entrecanales y Tavora SA, Spain
 Fujita Corporation Technical Research Institute, Japan
 GEI Consultants Inc, USA
 Geo-Research Institute, Japan
 Golder Associates Inc, USA
 Harza Engineering Company, USA
 Keller Group Limited, UK
 Kiso-Jiban Consultants Co Ltd, Japan
 Klohn-Crippen Consultants Ltd, Canada
 Monenco AGRA Inc, Canada
 PROTEKT, Ukraine
 Sinotech Engineering Consultants Inc, Taiwan
 Soletanche Enterprise, France
 STS Engineering Consultants Co Ltd, Thailand
 Terre Armée Internationale, France
 Tokyu Construction Co Ltd, Japan

APPENDIX 2 – REGIONAL REPORTS BY VICE-PRESIDENTS

(a) African Region. H Ejjaouani

The XII Regional Conference of Africa will be held in Durban, 25-27 September, 1999. The Organising Committee has received 120 abstracts.

The CTGA (Comité Transnational de Géotechnique de l'Afrique) had held the General Meeting in Mauritania, 12 November 1998. The new President is M. ABAGA from Gabon, and the General Secretary is M. CHAMOU from Morocco (LPEE). The next meeting will be held in South Africa at the same time as the Regional Conference.

The CAG (Comité Algérien de Géotechnique) held a Constituent General Meeting on 9 February 1999 and a new committee has been formed. The formalities are taking their course in order to come into ISSMGE Membership.

(b) Asian Region. Sang-Kyu Kim

Introduction

Currently the Asian region of ISSMGE has 15 member societies, but each society is greatly different in its foundational history. For example, the Indian Geotechnical Society held its Golden Jubilee event in December, 1998 and the Japanese Geotechnical Society will celebrate the 50th anniversary of its establishment in July of this year. The Kazakhstan National Geotechnical Society is the newest member which joined ISSMGE just three years ago. Depending on the differences in their historical establishment, each geotechnical society is likely to engage in different activities in the field of geotechnical engineering.

Some member societies in the Asian region have not reported anything to the vice-president during the last two years. Some have not given timely replies concerning their activities. There-

fore, I cannot help but to exclude activity reports for those countries in this report. Fortunately, I had the opportunity to visit three member societies in 1998; namely, the Chinese Geotechnical Society, the Southeast Asian Geotechnical Society, and the Indian Geotechnical Society. Those visits were very helpful to me in learning what they are doing to enhance our discipline.

Conferences, Symposium, and Seminars

CHINA

Conferences and Seminars

1. The 2nd International Conference on Unsaturated Soils was held in Beijing, August 27-30, 1998. 126 Representatives from 24 countries and regions attended the conference. 146 papers were included in the proceedings vol. 1, three keynote lectures and three the-state-of-the-art reports were delivered.
2. The 5th National Conference on Ground Improvement Treating was held in Wuyisan, Fujian province, January 1998. 200 Attendees jointed the conference. 60 Papers were included in the proceedings.
3. The Conference on the Engineering Technology of Pile-foundation for High-rise Building was held in Zhangjiajie, Hunan province, September 22-26, 1998. There were 92 representatives attended the conference. 51 Papers were included in the proceedings.
4. The Conference on the Soil Test Standard and Data Processing Technology was held in Shanghai, December 8 –10, 1998. 88 Representatives attended the conference. 60 Papers were included in the proceedings.
5. The 3rd National Youth Conference on Geotechnics was held in Nanjing in April 1998. 98 Representatives attended. 90 Papers were included in the proceedings.
6. The Conference on Soft-Ground-Improvement for Freeway was held in Wuxi, Jiangsu province, November 30 – December 3, 1998. 150 Representative attended the conference. 58 Papers were included in the proceedings.
7. The 8th National Conference on Soil Mechanics and Geotechnical Engineering to be held in Nanjing in October 1999 is under preparation.

INDIA

Geotechnical Activities

The Indian Geotechnical Society celebrated its Golden Jubilee during the year 1998. A year long technical activities plan was drawn up beginning with Indian Geotechnical Conference-97 (IGC-97) at Baroda and with a grand finale of the celebration with IGC-98 at New Delhi during 7-10th December 1998. All the Seventeen Local Chapters of IGS spread throughout the country also joined in conducting Workshops and Seminars.

1. Biennial Election of New office bearers and Executive Committee of IGS for the term 1999-2000. The election was held as per schedule during 1998 and new office bearers and Executive Committee have been elected for the term 1999-2000. The following are in principal office bearers for the term 1999-2000: President: Prof. N. Som; Honorary Secretary: Dr. K S. Rao
2. IGS-Delhi Chapter Hosted the Annual Conference of IGC-1998 and Golden Jubilee Celebrations (7-10 Dec. 1998). The main theme of the Conference were: Engineering Properties of Soils; Foundations; Ground Improvement; Geosynthetics; Rock Mechanics; Case Histories. Special themes were: Geotechnical Practices; Geotechnical Education. The Conference was inaugurated by the Honourable Minister for Petroleum & Natural Gases, Govt. of India, Mr. V. K. Ramamurthy. Prof.

Sang-Kyu Kim, Vice President Asia, ISSMGE graced the occasion with his presence. Prof. A. Sridharan, President, IGS and Dr. K. S. Rao, Honorary Secretary, IGS addressed the Conference.

The Twentieth IGS Annual lecture, which was delivered by Prof. (Dr.) N. Som, an eminent Professor of Civil Engineering, Jadavpur University, Calcutta, India on "Braced Excavation in Soft-clay-Experiences of Calcutta Metro Construction". The above Annual lecture was printed and circulated during the Conference. The proceedings of the IGC-98 were also published during the Conference. The Golden Jubilee functions of Indian Geotechnical Society were also held and eminent geotechnical engineers were honoured. The Annual General Session of the Indian Geotechnical Society was also held along with the Conference.

The next Annual General Conference viz, IGC-99 is scheduled to be held at Calcutta from December 17-19, 1999.

Activities of Local Chapter of IGS

IGS-Allahabad Chapter: National Conference on "Geoenvironment - Characterization, Analysis, Design and Practice" held on 9-10 April 1998.

IGS-Bangalore Chapter: National Seminar on "Recent Accomplishments and Future Trends in Geotechnical Engineering" on 23-24 October 1998; Seminar on "Black Cotton Soils; Problems and Practices"; Workshop on "Review of I.S. Code of Practice Relating to Shallow Foundations and Pile Foundations" held on 21-22 August 1998.

IGS-Baroda Chapter: Lectures: Prof. Piyush Parikh Memorial Lecture for 1998 by Prof. Ryozo Yonekura of Tokyo University; Shri G.G. Dhanak Memorial Lecture for 1998 "Important Aspects of Tunnelling of Konkan Railway Project" by Sh. Shashikant Limaye, Chief Engineer and Co-ordinator, Konkan Railway Corp., Pune; M/s Light Weight Aggregate Lecture "Practical Problems for Piling in Marine Clay and Weathered Rocks – Some Case Studies" by Shri D.V. Karandikar; Prof. O.H. Patel Memorial Lecture – "Global Scenario of Irrigation Projects of Asian Countries" by Shri B.J. Parmar, Secretary NWRD, Govt. of Gujarat. Seminars/Workshops: Seminar on Construction Problems and Remedial Measures in Pile Foundation; Indian Geotechnical Conference –1997 on "Geotechnical Engineering – Theory and Practices"; Workshop on Geotechnical Professional Practice.

IGS-Calcutta Chapter: Lectures: Lecture on "Rehabilitation of Dams by Special Grouting Technique – Case Studies"; Lecture on "Large Diameter Bored Piles and Ground Improvement by Vibroflotation and Stone Columns"; Lecture on "Application of Jet Grout in Civil Engineering". Workshop (one-day) on "Sub-soil Exploration in Soft Soils".

IGS-Chennai Chapter: Lectures: "Prediction and Performance of Foundations with Defective Piles"; "Computer Aided Design in Foundation Engineering". Seminar/Workshop: Seminar on "Geotechnical Practice – A Scenario"; "Design and Construction of Foundations and Problematic Soils".

IGS-Delhi Chapter: Seminar/Workshop: Workshop on "Geotechnical Professional Practices"; Golden Jubilee Conference of Indian Geotechnical Society and Indian Geotechnical Conference-98 held on 7-10 December 1998.

IGS-Hyderabad Chapter: Seminar/Workshop: Terzaghi-98 Birth Anniversary Celebrations on 2 October 1998.

IGS-Indore Chapter: Lecture on "Remote Sensing and its Application". National Seminar on "Case Studies in Geotechnical Engineering".

IGS-Kakinada Chapter: Invited Lectures, and Seminar on "Deep Foundations".

IGS-Kanpur Chapter: National Workshop on "Reinforcement of Ground and Slopes".

IGS-Mumbai Chapter: Seminar on "Ground Improvement".

IGS-Roorkee Chapter. Lecture on Vastu-Shastra in Construction by Dr. V.V.S. Rao, Managing Director, Nagadi Consultants, New Delhi. Workshops on "Design Practices in Earthquake Geotechnical Engineering" by Department of Civil Engineering, Roorkee University; "Role of Policy Makers in Landslide Hazard Management" sponsored by DST, New Delhi.

IGS-Surathkal Chapter. Lecture on "Analysis of Landslides" by Prof. G. Venkatachalam, IIT-Bombay. Seminars/Workshops: "Current Topics of Geotechnical/Civil Engineering" by student participants; Inter-collegiate Student Seminar; National Seminar on "Recent Developments in Geotechnical Engineering"; Seminar on "Geosynthetics Materials and its Applications"; Conference on "Recent Advances in Civil Engineering".

IGS-Visakhapatnam Chapter. Workshop on "Case Studies in Geotechnical Engineering".

IGS-Warangal Chapter. Expert Lectures by Dr. N.V. Nayakm Executive Director, Gammon India Ltd.

Major Projects in the Country

Big projects such as Tala hydro-electric project have been undertaken in the country. Major projects are numbered 52. Calcutta Metro and Konkan Railway Projects are under construction. And also Eleven underground power houses are under construction.

JAPAN

Conferences and Symposia

1. International Symposium on Deformation and Progressive Failure in Geomechanics (IS-Nagoya '97) was held in Nagoya during October 4-7, 1997. Two hundred and seventeen participants attended and the Proceedings contain 136 papers.
2. International Conference CENTRIFUGE 98 (IS-Tokyo '98) was held in Tokyo during September 23-25, 1998. Two hundred and seventy two participants attended and the Proceedings contain 147 papers.
3. International Symposium on Problematic Soils (IS-Tohoku '98) was held in Sendai during October 28-30, 1998. Two hundred and ninety participants attended and the Proceedings contain 173 papers.
4. Third Asian Young Geotechnical Engineers Conference on Geotechnical Engineering in Asia – 2000 and Beyond was held under the joint sponsorship of SEAGS and JGS in Singapore during May 14-16, 1997. Ninety-two participants attended.
5. The following Conferences and Symposia are under preparation:
 - International Symposium on Geotechnical Aspects of Underground Construction in Soft Ground (IS-Tokyo '99) in Tokyo during July 19-21, 1999.
 - International Symposium on Slope Stability Engineering: Geotechnical and Geo-environmental Aspects (IS-Shikoku '99) in Matsuyama, during November 8-11, 1999.
 - International Symposium on Coastal Geotechnical Engineering in Practice (IS-Yokohama 2000) in Yokohama, during September 20-22, 2000.
 - International Symposium on Suction, Swelling, Permeability and Structure of Clays (IS-Shizuoka 2001) in Shizuoka, during January 11-13, 2001.
 - International Symposium on Modern Tunnelling Science and Technology (IS-Kyoto 2001) in Kyoto, from October 30 to November 1, 2001.
 - Fourth International Symposium on Earth Reinforcement Practice (IS-Kyushu 2001) in Fukuoka, during mid November 2001.

Technical Committee Activities

1. TC-2, Centrifuge Testing: International Conference, Centrifuge '98, was held in Tokyo, 23-25 September 1998, with

272 participants. Volume 1 of the Proceedings contained 147 papers, and Volume 2 including four suggested testing manuals is under preparation.

2. TC-9, Geosynthetics and Earth Reinforcement: E-mailing list for TC9 and its four subcommittees has been set up. TC9 meeting will take place during the 12th European Conference on SMGE in June 1999. TC9-coordinated special session on Earth Reinforcement will take place at the 11th ARC, Seoul in August 1999. The preparation of the 4th International Symposium on Earth Reinforcement Practice (IS-Kyushu 2001) is in progress.
3. TC-13, Mechanics of Granular Materials: A textbook entitled "Introduction to Mechanics of Granular materials" will soon be published from Balkema.
4. TC-29, Stress-Strain Testing of Geo-materials in the Laboratory: Geotechnique Symposium in Print cosponsored by The Institution of Civil Engineers, UK and TC-29 was held in London on 4 September 1997. A whole issue of Geotechnique Vol. 47 No. 3, together with the second volume, was dedicated to the theme. The Second International Symposium on Pre-failure Deformation Characteristics of Geomaterials will be held in Torino during 27-29 September 1999 under the auspices of TC-29 and the Italian Geotechnical Society.
5. TC-30, Coastal Geotechnical Engineering: The preparation of International Symposium on Coastal Geotechnical Engineering in Practice (IS-Yokohama 2000) is in progress.
6. Asian TC 3 on Geotechnology for Natural Hazards: "Manual for Zonation on Rain-induced Slope Failure" was published in July 1997. An international Workshop is to be held around the date of the 11th ISSMGE Asian Regional Conference in 1999.
7. Asian TC 8 on Groundwater Environment and Quality Management: This technical committee has been established for the terms of 1998-2001. Chair: Professor M. Nishigaki, with JGS being host society.
8. Asian TC 9 on Protection of Cultural Heritage Sites from Landslides: This technical committee has been established for the term of 1998-2001. Chair: Professor K. Sassa, with JGS being host society.

Publications

1. Manual for Zonation on Rain-induced Slope Failure (81 pp.) was published in July 1997.
2. Special Issue No. 2 of Soils and Foundations on Geotechnical Aspects of the January 17, 1995 Hyogoken-Nambu Earthquake with 16 papers was published in September 1998.

KAZAKHSTAN

Regional Conferences and Symposia

The Kazakhstan National Geotechnical Society held the National Conference on May 1997 at Euroasian University at Ak-mola. Foreign participants attended the Conference.

Other activities:

1. Prof. Zhusupbekov A.Z. and Associate Professor Dussembaev I.N. attended the International Conference on Geotechnical and Mining Measurements, which was held in Woolongong, Australia in June, 1998. Professor Zhusupbekov A.Z. worked as a member of the International Advisory Committee of this Conference.
2. Prof. Zhusupbekov A.Z. and his Ph D student Jusupbekova V.V. attended NATO-workshop, which was held in Mangalia, Romania in July, 1998.
3. Prof. Zhusupbekov A.Z. visited Istanbul Technical University and Sakaria University in Turkey to give keynote lectures in May, 1998.

4. Prof. Bozhanov E.T., Associate Prof. Dussembaev I.N., and Prof. Zhusupbekov A.Z. visited Sendai in Japan to attend the International Conference on Problematic Soils, which was held at Sendai in Japan during October 28-30, 1998. Prof. Zhusupbekov A.Z. delivered a lecture at Meiji University at Kawasaki in Japan for Ph D students at Department of Agriculture. The title of lecture was "Ground-foundations by using microwave power."

KOREA

The following Conferences and Symposia were held:

1. KGS(Korean Geotechnical Society) Spring '97 National Conference was held on May 28, 1997. Two keynote lectures were delivered by Prof. Myung-Mo Kim and Prof. Jung-In Lee
2. KGS Fall '97 National Conference was held during May 24-25, 1997. Two keynote lectures were delivered by Prof. Sang-Kyu Kim and Prof. Miura of Saga University in Japan.
3. KGS Spring '98 National Conference was held on March 28, 1998. Two keynote lectures were delivered by Prof. Hansbo in Sweden and Prof. Byung-Ki Park
4. KGS Fall '98 National Conference was held during November 6-7, 1998. Two keynote lectures were delivered by Prof. Soo-Il Kim and Prof. Eiji Yanagisawa of Japan.

The Korean Geotechnical Society has 13 national technical committees. Each committee holds frequent seminars, inviting experts from home and abroad. During last two years 15 seminars have been held.

1. Information-Oriented Construction and Ground Excavation Technical Seminar on May 9, 1997
2. In-situ application for H-piles on August 29, 1997
3. Rock mechanics technical seminar on November 19, 1997
4. Dredging and environmental reclamation on November 22, 1997
5. Soil improvement technical seminar on November 27, 1997
6. Geo-synthetics technical seminar on November 28, 1997
7. The optimum design and construction technology improvement plan for steel pipe piles
8. Ground investigation technical seminar on February 26, 1998
9. Information-oriented construction and tunnel technology seminar on March 20, 1998
10. In-situ ground investigation technology development on June 20, 1998
11. Dredging and reclamation technology seminar on September 25, 1998
12. Mechanizational construction and ventilation equipment for tunnel on November 20, 1998
13. Pile foundation for in-situ practicing engineers on November 28, 1998
14. Geo-synthetics technology seminar on December 4, 1998
15. In-situ test and foundation design for practising engineers on February 9, 1998

The Korean Geotechnical Society has undertaken 21 research projects during last two years. The followings are key important projects among them: A study on weak soil improvement in Noksan National Industry Complex; A feasibility study on Deep excavation in Dokok Samsung Complex; Ground improvement for Yangsan-Mulgum new town; Waterproof technique for tunnel design

PAKISTAN

Pakistan National Society of Soil Mechanics and Foundation Engineering (PNSSMFE) held its 7th National Conference on

"Geotechnical Aspects in Site Selection" on November 26, 1998 at Lahore, Pakistan, in which ten papers were presented.

SOUTHEAST ASIA

1. Dr. John C. Li becomes the president of SEAGS. Dr. John C. Li, the vice-chairman of the Public Construction Commission of Taiwan, becomes the president of SEAGS for the period 1999-2001. Educated in National Cheng Kung University and Michigan State University. Dr. Li was a former professor of the National Central University.
2. 14th SEAGC in Hong Kong. The 14th SEAGC will be held in Hong Kong in 2001 and will be hosted by the Hong Kong Institution of Engineers (KKIE). Further details will be announced at a later time.
3. SEAGS Journal. Starting this year the SEAGS Journal will have three issues a year instead of two as was done for the last 28 years. Eventually, the Society aims in providing quarterly issues of the journal.
4. Civil and Environmental Engineering Conference New Frontiers and Challenges, 8-12 November 1999. A Civil and Environmental Engineering Conference will be held from 8-12 November 1999 in Bangkok on the occasion of the 40th Year Anniversary of AIT. There are five main themes in the Conference, namely: Water Engineering Management, Structural Engineering and Construction, Transportation Engineering, Geotechnical and Geo-environmental Engineering and Environmental Engineering. Keynote Lectures in Geotechnical Engineering will be given by Prof. Kenji Ishihara, president of ISSMGE and Dr. Za-Chieh Moh. Over 100 papers were accepted in the Geotechnical and Geo-environment Engineering theme.
5. Dr. Tan Swan Beng Memorial Symposium. The Dr. Tan Swan Beng Memorial Symposium will be held in Singapore from 18-19 March 1999. The Symposium is organized to honor Dr. Tan Swan Beng for his outstanding contribution to the Engineering Profession. The main theme for the Symposium is "Excellence in Infrastructure Engineering". Dr. Tan was a past-president of the Southeast Asian Geotechnical Society.
6. Symposia and Conferences (1996-1998): Rock Engineering Symposium, Taipei, December 1996; Conference on Research Advances in Soft Soil Engineering, IEM Sarawak, Malaysia, March 1997; Third Asian Young Geotechnical Engineers, Singapore, May 1997; Seventh Conference on Current Researches in Geotechnical Engineering, Chi-Shan, Taiwan, August 1997; Thirtieth Year Anniversary Symposium of SEAGS on Deep Foundations, Excavations, Ground Improvement and Tunneling, Bangkok, Thailand, November 1997; Thirteenth Society Conference held in Taipei, ROC, 16-20 November 1998 - key lecturers were Prof. Ralph B. Peck, T.W. Lambe, Kenji Ishihara and Michele Jamiolkowski, and additional lectures were given by Prof. K.Y. Yong, Dr. Ting Wen Hui, Dr. Teerachart Ruenkairergsa, Dr. Andrew Malone and Dr. Richard Hwang.
7. Short Courses and Workshops (1996-1997). Estimation of Design Parameters for Soils and Rocks, Bangkok, Thailand, June 1996; Deformation of Soils and Displacement of Structures, Bangkok, Thailand, November 1996; Geotechnical Analysis using CRISP-Program, Bangkok, Thailand, February 1997; Site Investigation with Geophysical Methods, Bangkok, Thailand, May 1997.
8. Participation in International Societies Affairs. The Society consists of three distinct groups: Soil Engineering, Engineering Geology and Rock Mechanics. These groups are affiliated with the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), the International Association of Engineering Geology (IAEG), and the International Society for Rock Mechanics (ISRM). One completed activity

is the Fourteenth International Conferences for Soil Mechanics and Foundation Engineering held in Hamburg, Germany last 6-12 September 1997. From the Society, ten papers were submitted and 20 members attended the Conference.

SRI LANKA

Sri Lankan Geotechnical Society organized three one-day seminars in 1998 on following topics: Seminar on New British Code of Practice for Design of Earth Retaining Structures BS 8002 on 18th June 1998; Seminar on Earth Retaining Structures on 24th September 1998; Seminar Workshop on Piled Raft Foundation by Prof. H. G. Poulos on 30th November 1998: SLGS has also held monthly lectures on afternoons for its members on number of different topics; SLGS has also made arrangements to hold a seminar jointly with the Japanese Geotechnical Society on "Zonation of Areas Susceptible to Rain Induced Slope Failure" on May, 1999.

VIETNAM

Conferences and Seminars

Vietnamese Geotechnical Society arranged the following Seminar and Conference in co-operation with other organisations of Vietnam.

1. Japan-Vietnam Seminar on Geotechnical Engineering JVGE '96, 28-29 March 1996. More than 200 engineers and researchers attended the Seminar. 14 Lectures were given by speakers from Vietnam, Japan and Sweden on Soil Investigation, Soil improvement, pile foundation, shallow foundation, retaining walls, slope stability, Dams, Gravity structures.
2. Design and construction of high rise buildings in Ho Chi Minh City, January 1997. More than 300 engineers and researchers attended the Seminar. The relevant topics are: design and construction of bored piles, prediction of bearing capacity of pile, static load test, quality control, excavation and experiences from the design and construction of foundation in Ho Chi Minh City.
3. Seminar on geotechnical engineering experiences from Sweden was arranged in Hanoi by VGS on September 1998.
4. Two Seminars on Design Construction and Control of Bored Piles were done by VGS in Hanoi and Ho Chi Minh cities on August and October, 1998.

Lecture and short courses:

1. Prof. Schofield, University of Cambridge, Prof. M. Gunn, South Bank University and Dr. R. Cahndler, Sage Engineering Ltd. delivered the lecture on "Critical state Soil Mechanics & Sage Crip". From 27 to 30 January 1997, 70 participants.
2. Prof. D.G. Fredlund, University of Saskatchewan, Canada, delivered several lectures on Geoslope, unsaturated soil and case record on failure of foundation.
3. Short course on Geotechnical and Environmental Engineering. Short course of 10 days on Slope stability, Geo-environmental Engineering and Pile Foundations was given by Prof. D.G. Fredlund, Prof. Wilson, University of Saskatchewan and Prof. N.T. Tien. The course was arranged by VGS in Hanoi on December 1997.
4. Short course on GEOLOPE. More than 70 participants from universities, institutes, and companies.
5. Lecture on Unsaturated Soil by Prof. D. G. Fredlund was arranged in Hanoi on December 1998.

Standards

Pile Foundation (1996), Bored pile (1997) and Plate testing (1997).

Publications

Vietnam Geotechnical Journal was published for the first time in Vietnam. Summary is written in English. The Paper Editor in Chief is Nguyen Truong Tien.

Asian Technical Committees

Four Asian Technical Committees were newly established during 1998-2001. Now the Asian region has five Asian Technical Committees as follows:

- ATC 3: Geotechnology for Natural Hazard. Chair: Professor Takaji Kokusho, the Japanese Geotechnical Society
- ATC 6: Dam Safety Chair: Mr. Altaf-ur-Rahman, Pakistan National Society of Soil Mechanics and Foundation Engineering
- ATC 7: Thick Deltaic Deposits. Chair: Prof. Sang-Kyu Kim, the Korean Geotechnical Society
- ATC 8: Groundwater Environment and Quality Management. Chair: Prof. M. Nishigaki, the Japanese Geotechnical Society
- ATC 9: Protection of Cultural Heritage Sites from Landslides. Chair: Prof. K. Sassa, the Japanese Geotechnical Society

Other important items

1. The Kazakhstan National Geotechnical Society asked to discuss in the board meeting on the possibility to reduce the registration fee for participants from former CIS republics, when they attend to international conferences.
2. The Japanese Geotechnical Society will be celebrating its 50th anniversary on July 1999, with a range of special activities including the special invited lectures, the publication of a commemorative book and an international symposium (IS-Tokyo '99).

(c) Australasian Region M F Randolph

Introduction

The Australasian Region of the ISSMGE comprises two Member Societies, Australia and New Zealand, and also represents the activities of the Society in the South Pacific. There is extensive geotechnical engineering activity in Papua New Guinea, Fiji and New Caledonia, but without any formal member societies or other coordinated associations.

Membership and Journals

Membership of both the Australian Geomechanics Society (AGS) and the New Zealand Geotechnical Society (NZGS) remains buoyant, with an increase in the AGS membership of over 10 % during the last year to about 900, of whom just over 700 are affiliated to ISSMGE. Membership of the NZGS has risen to over 400, with 260 affiliated to ISSMGE. In both societies, improved membership databases including email contact have been developed, enabling much closer communication to be maintained with individual members. Australian Geomechanics has had a recent face-lift, with new Editor (Garry Mostyn) and increased publication rate (4 per year), with an increased emphasis on technical articles. Publication of Geomechanics News (by the NZGS) remains at two issues per year, but with increased sharing of copy material between the two societies.

Conferences

The 1st ANZ Conference on Environmental Geotechnics was held in Melbourne in December 1997, and attracted 133 registrants. Keynote lectures were presented by Prof. M. Manassero and Mr I. Hosking, supported by eight theme lectures from in-

ternational experts. The proceedings contain 70 papers, and have been published by Balkema.

The 3rd ANZ Young Geotechnical Professionals Conference was held in Melbourne in February 1998, attended by 28 invited participants and several senior members to give keynote lectures.

A very successful symposium, **Roading Geotechnics 98**, was held in Auckland in July 1998. The symposium attracted 170 participants, compared with a more usual 100 to 120. Road and pavement design in New Zealand is particularly topical at present because of recent changes to design codes.

The Newcastle chapter of AGS organised a 3-day seminar on **Geotechnical Engineering and Engineering Geology in the Hunter Valley**, held at Newcastle University in July 1998. The seminar attracted 72 delegates with 25 papers in the published proceedings.

The 8th ANZ Geomechanics Conference was held in Hobart in February 1999, organised by the Tasmanian chapter of the Australian Geomechanics Society, chaired by David Brett. This regional conference was reduced to 3 days, in view of the forthcoming GeoEng 2000 next year. About 120 papers were accepted, and 175 delegates attended the conference. The theme of the conference was 'Consolidating Knowledge', and plenary lectures were presented by Professor Harry Poulos (Keynote Lecturer), Mr David Coffey (AGS John Jaeger Medallist) and Mr Tim Sinclair (NZGS Geomechanics Lecturer).

Planning for **GeoEng 2000**, to be held in Melbourne, 19 – 24 November 2000, continues well. This conference is covered in a separate report from the conference Chair, Mr Max Ervin.

The 4th ANZ Young Geotechnical Professionals Conference will be held in Perth, 16-19th February 2000, and planning is proceeding well. The organising committee is chaired by Mr Phil Watson, and they have managed to raise substantial sponsorship in order to keep the registration fee low. That conference will be used to choose one or two delegates to attend the International Young Geotechnics Conference in Southampton, later in 2000.

The 9th ANZ Geomechanics Conference is being planned for Auckland in February 2004.

Awards

Recent recipients for the various awards offered by AGS and NZGS include:

E H Davis Lecture (AGS:1997)	Professor Mark Randolph
Trollope Award (AGS:1998)	Dr Hai-Sui Yu
John Jaeger Memorial Medal (AGS:1999)	Mr David Coffey
Geomechanics Lecture (NZGS:1999):	Mr Tim Sinclair
ANZ Joint Societies' Award (1999):	Dr N. Khalili and Dr M.H. Khabbaz

Web-sites

Web-sites for both societies have been established through the respective Institutions of Engineers, with addresses: www.ieaust.org.au/societies/ags, and www.ipenz.org.nz/geotech. Links are included on the Australian web page to separate web-sites maintained by individual chapters of the society.

Group Activities

There are 10 separate regions or chapters in the two member societies, and these typically hold 8 to 10 technical meetings each year. An IEAust/AGS taskforce, 'Review of Landslides and Hillside Construction Standards', chaired by Professor Robin Fell, was established following a major landslide and fatalities in the Victorian ski fields. The taskforce has presented a business

plan for developing guidelines and is currently establishing funding for this activity.

(d) Europe – H Brandl

The European region comprises 31 member societies, and the number of their individual members is slightly increasing. Nearly all European member societies of ISSMGE organised national/regional conferences, seminars, or special lectures, or are going to do so – thus underlining their activities. The greatest national event was the German Baugrundtagung in September 1998 which was attended by 1200 persons from 10 countries.

In May 1998 the XI Danube European Conference of ISSMGE took place in Porec, Croatia, with the theme "Geotechnical Hazards". This event attracted 350 delegates from 26 countries and was a great success.

On September 7 to 11, 1998, the Third International Congress on Environmental Geotechnics was held in Lisbon. On the occasion of this high-level conference Prof. Brandl proposed to publish a "Lisboa Declaration". ISSMGE should forward a circular letter to the national Ministers for Environmental Affairs world wide, proposing the establishment of a national "Commission on Landfill" and a "Commission on Contaminated Site Remediation" as highest-ranking environmental commission in each country of the world. These commissions should be responsible for regulations, final decisions on site selection, control of critical designs, quality assurance, supervising of construction & operation, long-term monitoring and safety control, and for detailed reports & documentation. From an organisational point of view these two commissions could also be combined. Such commissions would not only support the environmental protection but also improve the image of ISSMGE.

Several European member societies of ISSMGE have already been active in this respect and have started to contact politicians.

On September 23 and 27, 1998, the 12th European Young Geotechnical Engineers' Conference in Tallinn, Estonia was attended by 32 young engineers who enjoyed the professional and cultural program very much. The next YGEC for European members will be in Greece (Santorini) on 23 to 25 September 1999. The goal of these conferences is to not only create a platform where the young engineers can present themselves but also to educate them and to inform them about the local history and culture.

The following European Regional Technical Committees have been re-installed:

ETC1: Stabilization of Landslides, Chairman: E. Alonso
ETC2: Piles, Chairman: F.De Cock
ETC7: Numerical methods in geotechnical engineering, Chairman: Ph. Mestat
ETC9: Tunnelling and underground construction in soils and soft rocks, in urban environment, Chairman: W. Wittke
ETC10: Evaluation committee for the application of EC-7, Chairman: R Lancelotta
ETC11: Geotechnical aspects in pavement design and construction, Chairman: G. Correia
ETC12: Evaluating committee for the application of EC-8, Chairman: A. Ansal
ETC14: Geotechnical problems related to dredging, Chairman: W. Van Impe

Until now (10 February 1999) three of our Member Societies have officially introduced an invitation to host the next European Regional Conference of ISSMGE in 2003: Czech Republic, France and Switzerland.

(e) North America, G Springall

General Comments

Soil mechanics and geotechnical matters that occurred in 1998 and those scheduled for 1999 are presented in this report.

The Georgia Institute of Technology was the venue of the First International Conference on Soil Characterisation, and of the ISSMGE Board meeting held on April 23. During this conference, a meeting of the Conference Advisory Committee (CAC) with representatives of South America and North America, as well as the Brazilian Organising Committee and Argentinean and Paraguayan Co-organisers, was held. Different topics of the XI Panamerican Conference (PCSMGE) organisation were presented and discussed in this meeting. In addition, the Panamerican Committee met, with participating Delegates from most of the Member Societies of both attending Regions.

The XI PCSMGE will be held on 8-12 August, 1999 in Foz do Iguazu, Brazil. Prof. Francis Bogossian, ISSMGE Vice-President for South America, is the President of the Organising Committee.

The main communication media in the North American Region continues to be the Geotechnical News magazine, particularly in Canada and the US.

In the following pages, the summaries prepared by Lefebvre-Graham from Canada, Wahls from the US, and Ramirez-Springall from Mexico, are transcribed. These reports include the principal activities carried out in each country.

It could be affirmed that soil mechanics and geotechnical activities are developing well in the Region. Canada and the US are actively working in Technical Committees. Experienced Members of the Mexican Society have expressed their interest in participating in several of these TC's.

Report from Canadian Geotechnical Society

The year 1998 was a busy one for the Canadian Geotechnical Society and produced another solid year of achievement and service to members.

Grâce à l'aide des vice-présidents Kerry Rowe et Michel Aubertin, du support d'un groupe actif de directeurs régionaux, des présidents de sections locales, de divisions et de comités techniques, ainsi que du travail dévoué du secrétariat, nous pouvons rendre compte d'une autre année solide d'accomplissement et de service à nos membres.

Thanks to the assistance of the Vice-Presidents, Kerry Rowe and Michel Aubertin, the support of an active group of regional directors, the Presidents of local Committees, Technical Committees as well as the attentive work of the secretariat we can record a year of accomplishments and service to our members.

The 23 local sections of the Society have again delivered strong programs consisting of meetings, short courses and other activities. We are increasingly seeing these local activities as one of our most important responsibilities, particularly since many of the Provincial Associations of Engineers (and l'Ordre des Ingénieurs du Québec) are in process of instituting requirements for mandatory professional development.

In the technical divisions, too, there has been a good level of activity, with many offering short courses, workshops and specialty sessions at the annual conference in Edmonton. The Geo-environmental Division, in particular, has developed new programs dealing with geotechnology and the environment. The technical committees of the Society have also been working on program delivery. This year we were pleased to form a new committee on Landslides.

The Society has been very active in terms of organising and managing conferences. Regional conferences were arranged in British Columbia and the Atlantic Provinces. One-day courses and workshops were organised in many of the regions. The national conference was in Edmonton in early October. In the past two years we have collaborated with the organisers of three major international conferences – the North America Rock Mechanics Society Conference in Montreal, the International Per-

mafrost Society Conference in Yellowknife, and the International Association for Engineering Geology and the Environment in Vancouver. A remarkable number of our members have also been involved in international conferences as keynote speakers, program chairs, members of steering committees, etc. On the international stage, the Society now chairs four of thirty-two of the Technical Committees of ISSMGE – Unsaturated Soils, Landslides, Ground Property Characterisation, and Centrifuge and Physical Modelling. One of our members, Richard Bathurst is President of the International Geosynthetics Society.

Expenditures have again been carefully managed and income from memberships is almost the same as last year. Last year, CGS closed its office in Toronto and now works electronically with a virtual office. This has provided a valuable reduction in expenditures, but also improved working conditions for the Secretariat. Almost all communications with the Society's Executive are done by email.

The Canadian Geotechnical Journal and Geotechnical News continue to provide excellent lines of communication with CGS members. We have been in discussions for about one year now with the ASCE GeoInstitute about possible redesign of Geotechnical News. A revised web site www.cgs.ca is now running successfully and is beginning to attract memberships, questions, marketplace inputs, etc. The component of the web site in French has also received recent attention and will be fully functional shortly.

Nous tenons à remercier tout les membres de la Société pour leur zèle et leur support durant la dernière année. Nous désirons remercier tout les titulaires de postes au sein des régions et des divisions pour la quantité énorme de travail et d'effort qu'ils ont su compresser dans leurs vies actives professionnelles.

We wish to thank all members of the Society for their goodwill and support during the past two years. We also want to thank all the office holders in the regions and divisions for the enormous amount of work and effort they fitted into their active professional lives.

ASCE Geo-Institute. Summary of Activities (1998-99)

The ASCE Geo-Institute completed its second year on September 30, 1998 under the leadership of President Raymond J. Krizek. On October 1, 1998, Ronald E. Smith began a one-year term as President. The Board of Governors is striving to improve the organisational structure to be more responsive to the needs of geotechnical engineers and other professionals in the geo-industry. An International Activities Council is being established to encourage and enhance collaboration with other national and international geo-organisations. A major membership drive is in progress to attract more geo-professionals who are not members of ASCE.

Major activities and events for 1998-99 include the following:

1. The 2nd National Conference of the Geo-Institute on "Geotechnical Earthquake Engineering and Soil Dynamics" was held in Seattle, Washington, August 3-6, 1998. Attendance from 20 countries exceeded 600, and the excellent program, including many international speakers, was very well received.
2. The Geo-Institute sponsored a Geo-Congress of 44 sessions plus the Terzaghi Lecture as a part of the 1998 ASCE National Convention in Boston, October 18-21. Among the highlights were sessions on the Boston Central Artery/Tunnel Project and other international "Big Digs," which addressed many aspects of deep excavations in urban environments. Most of the Geo-Congress presentations are published in 13 Special Geotechnical Publications.
3. The 3rd National Conference of the Geo-Institute will be held at the University of Illinois, June 13-19, 1999. The theme will be "Geo-Engineering for Underground Facilities," and Ralph Peck will be the keynote speaker.

4. Plans are underway for two Geo-Institute conferences in 2000. A specialty conference on "Performance Verification of Constructed Geotechnical Facilities" will be held at the University of Massachusetts, Amherst, MA on April 9-12, and GeoDenver2000, a broad-based geocongress, is scheduled for Denver, CO on August 3-8.
5. Dr. Michael O'Neill presented the 1998 Terzaghi Lecture on "Side Resistance in Deep Foundations" at the ASCE Annual Convention in Boston on October 20, 1998. Dr. William F. Marcuson will present the 1999 Terzaghi Lecture at the ASCE Annual Convention in Charlotte, NC in October.
6. Professor Raymond J. Krizek received the 1997 Terzaghi Award, and Professor Kenji Ishihara received the 3rd H. Bolton Seed Medal. Professor Ishihara's Seed Medal Lecture will be presented in San Francisco in 1999.
7. The Geo-Institute announced the establishment of the ASCE Ralph Peck Award for outstanding papers on geotechnical case histories. ASFE and its member firms are providing the primary financial support for the Award. The first recipient of the Peck Award will be announced in June at the 3rd Geo-Institute Specialty Conference at the University of Illinois.
8. The Geo-Institute is sponsoring two new ISSMGE Technical Committees: TC32, Risk Assessment and Management, (Erik VanMarcke, Chair) and TC33, Scour of Foundations, (Jean-Louis Briaud, Chair). The Geo-Institute also continues to sponsor TC17, Ground Improvement, (Ilan Juran, Chair). More than 40 Geo-Institute members are serving on 23 other ISSMGE Technical Committees.
9. The G-I is participating in the XI Panamerican Conference on Soil Mechanics and Geotechnical Engineering at Iguassu Falls, Brazil, August 1999. Seventeen Geo-Institute members are invited speakers or other formal program participants (session chairs, reporters, panel moderators, and panelists). Approximately 30 US papers have been selected for publication in the Conference Proceedings.
10. We are saddened to report the passing of three prominent U.S. geotechnical engineers: Wallace Hayward Baker, James P. Gould and John Lysmer. Baker was the founder of the Hayward Baker Co., Gould was a partner in Mueser Rutledge Consultants, and Lysmer was Professor Emeritus at University of California-Berkeley. Gould and Lysmer were past Chairs of the ASCE Geotechnical Engineering Division and the USNS, and all three were very active internationally.

Report from Mexican Society For Soil Mechanics (SMMS)

This Report summarises the main activities held by the Mexican Society for Soil Mechanics in the period May-December 1998 and those scheduled for 1999.

1998

- Courses. Members of the SMMS gave courses, conferences and seminars at several universities in the country. The main courses given in Mexico City were "Pile Load Tests", "Computing Applications to Geotechnics" and an international course on the "Fundamentals of Environmental Geotechnics".
- An International Conference on "Storage Dams, Environment, Geotechnics, Construction, Behaviour and Safety", was held in Mexico City, on July 9-10, 1998. Speakers from Canada, Colombia, Brazil, Portugal, the United States and Mexico participated in this conference.
- Publications. In the second half of 1998, the SMMS published six books, consisting mainly on proceedings of conferences.
- In the city of Puebla, the following events were held in November: XIX National Conference on Soil Mechanics. Top-

ics: Foundation Engineering; Geotechnical Zoning; Constitutive Laws and Soil Behaviour; Geotechnics in Infrastructure Works; Instrumentation; New Techniques in situ and in the Laboratory, Applications; Soil Dynamics; Technological Innovations; Quality Assurance; and Geotechnics in the XXI Century Threshold.

- XIIth Professors' National Meeting, on Geotechnical Education.
- The XIV Nabor Carrillo Conference given by Alfonso Rico, on "A Personal Focus on the State-of-the-Art in Soil Mechanics."
- Manuel Gonzalez Flores Award. This biennial award was granted to three young distinguished engineers in the fields of teaching, professional practice and researching. They are J. Medina, M. Ramirez, and V. Taboada, respectively.

1999

- On January 27 Mr. Jorge Orozco became President of the SMMS for the next two years. The following events have been announced for this year:
- April 5-9, an updating course on "Design and Construction of Deep Foundations".
- September 2-3, a course on "Computing Geotechnical Tools".
- December 2, a conference on "Geotechnics and Mineral Waste Management -A General View", by Prof. NR Morgenstern.

APPENDIX 3 - TECHNICAL COMMITTEES

PROCESSES OF SETTING UP TECHNICAL COMMITTEES IN ISSMGE FOR THE PERIOD 1997-2001

Kenji Ishihara, President of ISSMGE

Technical Committees (TC) have been playing a key role in fulfilling the goals of the ISSMGE. They provide stages for discussions and exchange of views among the Members of our Society. Thus, TCs will continue to be the heart of our Society's activities. However there has not been any rule authorized for setting up a Technical Committee in the ISSMGE. The TCs have been established one after another in recognition of needs to develop unified activities on subjects of special importance covering the broad area of geotechnical engineering. New TCs have been endorsed by the incumbent President with nomination of Chairs who are responsible for developing activities within the period of his office. If the incoming President recognizes the significance of further continuation, the TCs are endorsed again for the next 4 years period. The steps taken for establishing the TCs for the period 1997 - 2001 are described below.

1. About 6 months before the new President took office, the Secretary General (SG) wrote a letter to each Member Society asking them to submit names of the persons interested in being engaged in the TC's activities in the forthcoming terms of office beginning in September 1997, assuming that the then existing TCs would continue activities. About one quarter of the Member Societies responded and submitted a list of names of interested persons for each of the TCs, but there was no response from the remaining Member Societies.
2. In October 1997, one month after the new office was set up, the letter of the same effect was sent by the SG to each Member Society reminding them of the submittal of the names. About half of the Member Societies submitted a list of names.
3. In the meantime, the President undertook a reshuffle of the TCs. TC13 "Mechanics of Granular Materials" was disbanded and two new TCs were established based on the

- proposals from the U.S. National Society. These are TC32 on "Risk Assessment and Management" and TC33 on "Scour of Foundations". In addition, TC34 on "Deformation of Earth Materials" was installed by the initiative of the President drawing upon enthusiastic request from an interested group of experts. Names of some TCs were changed to match the activities expected to develop in the future. These are TC9 "Geosynthetics and Earth Reinforcement" and TC24 "Sampling, Evaluation and Interpretation". The essential part of the reshuffle was the nomination of the Chair for each TC. By considering various factors, the names of the Chairs were decided.
4. The President sent out a letter of invitation to each nominated Chair asking whether he/she was willing to accept the offer. The letter was accompanied by the list of members in the previous term of office (1993-1997) and the list of names for potential candidates in the new term (1997-2001), which had been compiled with reference to the names submitted to the SG in response to his letter to each Member Society (Step 1 and 2). In the President's letter, the Chair was asked to organize the respective Technical Committee, i.e. to select the names of prospective members out of the above mentioned two lists. The Chair was also asked to include names of any other persons he thinks appropriate for the operation of the Technical Committee. It was also requested that the Chair nominates a Co-chairman, Secretary and Core members if he thinks necessary. The President made up "Guidelines for Choosing the Members" as attached herewith, drawing attention not to select more than three members from one Member Society without any specific reason.
 5. The Chair of each Technical Committee was also requested to submit the terms of reference to the President so that the establishment of the new TCs is officially endorsed by him on behalf of the ISSMGE.
 6. In response to the President's action as described above, the nominated Chairs embarked on organizing the TCs and filed the list of members and terms of reference with the office of ISSMGE and the President. The submission of these documents began in the fall of 1998.
 7. Upon examining the two documents, the President gave his endorsement to the officially set out activities of TCs.
 8. As the endorsement is given, the formation of the TCs has been announced in the News Letters (Vol. 25, No. 2, No. 3, No. 4 and Vol. 26, No.1). There still remain a few TCs which have not been endorsed because of the delay in submitting the necessary documents. These TCs will be endorsed sooner or later.
 9. Once the TCs are endorsed as above, the operation of the TCs is left to the hands of the Chairs. The President has tried to take advantage of every opportunity to see the Chairs of the TCs personally to advise and to encourage further development.
 10. Some of the TCs have held international symposia and conferences near the end of the previous term 1993-1997, having fulfilled their intended goals. These TCs are generally slow in setting off their actions for the current term 1997-2001.

GUIDELINES FOR CHOOSING MEMBERS IN TECHNICAL COMMITTEES OF ISSMGE

1. Members shall be selected by the Chair of respective TCs at his or her discretion based on the list of members in the previous term plus the candidates recommended by Member societies.

ISSMGE Technical Committees for 1997-2110			
CURRENT STATUS OF ACTIVITIES			
TC No.	TC name	Country	Chairman
TC-1	Instrumentation for Geotechnical Monitoring • No new movement	Turkey	T. Durgunoglu
TC-2	Centrifuge Testing • C. on Centrifuge '98 (IS Tokyo '98), Sept. 23-25, 1998, Tokyo, Japan • Host society changed from Japan to Canada, new Chair is Dr. R. Phillips. • I. S. on Physical Modelling and Testing in Environmental Geotechnics, May 15-17, 2000	Japan Canada	T. Kimura R. Phillips
TC-4	Earthquake Geotechnical Engineering • 2nd I. C. on Earthquake Geotechnical Engineering, June 21-25, Lisbon, Portugal	Portugal	P. Sêco e Pinto
TC-5	Environmental Geotechnics • 3rd I. C. on Environmental Geotechnics, Oct. 7-11, 1998, Lisbon, Portugal • The Committee met in Lisbon in September with attendance of the President • I. S. on Physical Modelling and Testing in Environmental Geotechnics, May 15-17, 2000	Germany	R. Katzenbach
TC-6	Unsaturated Soils • 2nd I. C. on Unsaturated Soils, Aug. 27-30, 1998, Beijing, China	Canada	D. Fredlund
TC-7	Tailing Dams • The Committee met in Lisbon in September with attendance of the President • Collaboration is being sought with the International Council on Metals and Environment	Chile	J. H. Troncoso
TC-8	Frost • No new movement	Finland	E. Slunga
TC-9	Geosynthetics and Earth Reinforcement • 4th I. S. on Earth Reinforcement Practice (IS Kyushu, 2001, Nov., Fukuoka, Japan)	Japan	H. Ochiai
TC-10	Geophysical Site Characterisation • New activities being planned	Sweden	R. Massarsch

TC-11	Landslides <ul style="list-style-type: none"> 8th I. S. on Landslides, June 26-30, 2000, Cardiff, U.K. I. S. on Slope Stability Engineering (IS Shikoku '99), Nov. 8-11, 1999, Matsuyama, Japan 	Canada	J. Locat
TC-12	Validation of Computer Simulation <ul style="list-style-type: none"> No new movement 	Australia	J. Carter
TC-14	Offshore Geotechnical Engineering <ul style="list-style-type: none"> I. C. on Offshore and Nearshore Geotechnical Engineering, Dec. 2-3, 1999, Panvel, India 	Norway	S. Lacasse
TC-15	Peat and Organic Soils <ul style="list-style-type: none"> S. on Problematic Soils (IS Tohoku '98), Oct. 28-30, 1998, Sendai, Japan The Committee met in Sendai in Oct., 1998 	Netherlands	R.J. Termaat
TC-16	Ground Property Characterisation from In-situ Testing <ul style="list-style-type: none"> 1st I. C. on Site Characterization, April 19-23, 1998, Atlanta, U.S.A. 	Canada	P.K. Robertson
TC-17	Ground Improvement <ul style="list-style-type: none"> New activities being planned 	USA	I. Juran
TC-18	Pile Foundations <ul style="list-style-type: none"> 3rd I. S. on Deep Foundations on Bored and Augered Piles, October 19-21, 1998, Ghent, Belgium 6th I. C. on Application of Stress-Wave Theory to Piles, Sept. 11-13, 2000, Sao Paulo, Brazil 	Belgium	W. Van Impe
TC-19	Preservation of Historic Sites <ul style="list-style-type: none"> The President met with the Chair C. Viggiani 	Italy	C. Viggiani
TC-20	Professional Practice <ul style="list-style-type: none"> Proposal for setting up the forum of geotechnical consultants has been submitted to the President Workshops on the occasions of regional conferences are planned in 1999 	India	V.V.S. Rao
TC-22	Indurated Soils and Soft Rocks <ul style="list-style-type: none"> 2nd I.S. on Hard Soil and Soft Rocks, Oct. 12-14, 1998, Napoli, Italy The committee met in Naporì with attendance of the President 	France	J. L. Durville
TC-23	Limit State Design Geotechnical Engineering <ul style="list-style-type: none"> New movement being planned 	South Africa	P. Day
TC-24	Soil Sampling, Evaluation and Interpretation <ul style="list-style-type: none"> The President met with the Chair, Dr. D. Hight 	UK	D. Hight
TC-25	Tropical and Residual Soils <ul style="list-style-type: none"> I. S. on Tropical Soils, Sept. 23-24, 2000, Rio Grande do Sul, Brasil 	Brazil	P. T. Cruz
TC-26	Calcareous Sediments <ul style="list-style-type: none"> 2nd I. C. on Engineering for Calcareous Soils, Feb. 22-24, 1999, Bahrain 	Australia	R. Jewell
TC-28	Underground Construction In Soft Ground <ul style="list-style-type: none"> I. S. on Geotechnical Aspects of Underground Construction in Soft Ground (IS-Tokyo '99), July 19-21, 1999, Tokyo, Japan 	UK	R. Mair
TC-29	Stress-Strain Testing of Geomaterials in the Laboratory <ul style="list-style-type: none"> 2nd I. S. on Pre-Failure Deformation Characteristics of Geomaterials, Sept. 27-29, 1999, Torino, Italy 	Japan	F. Tatsuoka
TC-30	Coastal Geotechnical Engineering <ul style="list-style-type: none"> I. S. on Coastal Geotechnical Engineering in Practice (IS Yokohama, 2000), Sept. 20-22, 2000, Yokohama, Japan 	Japan	A. Nakase
TC-31	Education in Geotechnical Engineering <ul style="list-style-type: none"> The President met with the Chair, Dr. Magnan in Tokyo 	France	J. P. Magnan
TC-32	Risk Assessment and Management <ul style="list-style-type: none"> No new movement 	USA	E. VanMarcke
TC-33	Scour of Foundations <ul style="list-style-type: none"> I. S. on Scour of Foundations is being planned on Nov. 19, 2000, Melbourne, Australia 	USA	J.L. Briaud
TC-34	Deformation of Earth Materials <ul style="list-style-type: none"> No new movement 	Greece	J.I.G. Vadoulakis

- The Chair of a TC can nominate Secretary, Co-chairman (if appropriate) Core Members and Members of the TC.
- It is desirable to have only one member chosen from any one Member society. If there are two or three persons from one Member Society who have been active and recognized as important by the Chair from various points of view, they may be invited to become members.
- Those who are recommended by Member societies, but not regarded as active by the Chair may not be invited to become members. However, every reasonable efforts should be made to include in each TC persons nominated by their Members Societies.
- If it is necessary, the Chair can nominate at his or her discretion several persons as "Corresponding Members".
- The list of the members chosen by the Chair shall be submitted to the President and Secretary General for official endorsement on behalf of ISSMGE.
- Once the endorsement is given by the President, the Chair shall write a letter of invitation to each of the members and confirm his or her consent to join the TC.
- For those recommended but not selected by the Chair, the Secretary General write a letter of apology to Secretary of respective national society.

Annual Report of the International Information Retrieval System for Geotechnical Literature

Background

How it all started

Based on discussions and negotiations between ISSMGE and SGI an agreement on co-operation on the SGI Information Retrieval System and literature database SGI-Line was approved in principal at the Board Meeting and Council Meeting in Hamburg September 1997. The aim was to make the literature database SGI-Line accessible for ISSMGE members via Internet.

The Memorandum of Agreement (MOA) was signed by Professor Kenji Ishihara, the President of ISSMGE and Mr Hjalmar Stromberg, Director General of SGI, on 31 March 1998.

Activities 1998

Free access

The database SGI-Line was accessible free of charge during a test period from January until the end of November 1998. A great number of visitors all over the world were registered during this period. The access seems fairly simple and just a few questions on the retrieval system were noticed.

Subscriptions

Since December 1, a subscription is necessary to access the database. Up to January 1999 SGI has registered 17 subscribers. (NB a subsequent change in the agreement has lead to free access for all ISSMGE members.)

Use of the system

During 1998 approximately 4600 visitors were accessing the SGI-Line database.

Article in ISSMGE News

In the ISSMGE News No 2, June 1998, an article describing the International Information Retrieval System for Geotechnical Literature was published.

Response from the users

From some users SGI has received valuable comments on the contents of the SGI-Line database and the search forms. Some of these comments have already resulted in improvements of the system. During 1999 further improvements will be made.

Activities 1999

The following activities are planned during 1999.

Documents produced before 1976 (SGI)

During 1999 and beginning of 2000 the agreed pre-1976 documents will be included in the database.

Publications sponsored by ISSMGE (ISSMGE)

In accordance with the agreement (MOA), ISSMGE will explore free access to publications from all ISSMGE sponsored international and national society activities, including international and regional conferences etc. for SGI to review, record and keep at SGI's sole discretion. This has just been carried out from one conference during 1998. SGI expects an increased number of publications during 1999. Furthermore, ISSMGE shall encourage the national societies to provide the information in an agreed electronic form and format. SGI will support ISSMGE with instructions for this information.

24 Free subscriptions (ISSMGE)

SGI is awaiting the names of the 24 subscribers from developing countries that ISSMGE is supposed to provide.

Closing remarks

The experience of the IRS and the co-operation with ISSMGE seems from the SGI point of view successfully. An increased interest in the SGI-Line has been noticed and new subscribers are continuously added.

The recording of Pre-1976 documents will be finished during 1999 and the beginning of 2000. SGI expects that ISSMGE will fulfil remaining responsibilities according to the MOA. SGI proposes that the agreement will be prolonged and that an evaluation report should be given at the council Meeting in 2003.

Memorandum of Agreement (as updated, October 2000)

International Information Retrieval System for Geotechnical Literature

The International Society for Soil Mechanics and Geotechnical Engineering ("ISSMGE") and the Swedish Geotechnical Institute ("SGI") have agreed to co-operate on an International Information Retrieval System for Geotechnical Literature (IRS-Geo) according to the following provisions.

1. Aim

The aim is to make the literature database SGI-Line available worldwide via Internet. Members of ISSMGE will thereby have access to a continuously updated database of literature references to support their work.

2. Basis of IRS-Geo

The International Information Retrieval System for Geotechnical Literature (IRS-Geo) will be based on the current version of SGI-Line and continuously up-dated versions. SGI-Line includes geotechnical literature references from 1976 up to the present time. Supplementary references will be included, cf. "Information Recording". The database consists of references in a number of languages, although the predominant language is English.

3. Access

The services of IRS-Geo will be available to ISSMGE members via Internet. IRS-Geo will be located under the SGI home page. Accessibility will be provided for ISSMGE members by signing a registration form as a subscription agreement with SGI. Individual members of ISSMGE may use the services free of charge.

4. Information recording

New literature information will be continuously added to the SGI-Line database by SGI. In addition to the literature covered by SGI, ISSMGE will explore free access to publications from all ISSMGE sponsored international and national society activities, including international and regional conferences etc. for SGI to review, record and keep at SGI's sole discretion.

ISSMGE shall encourage the member societies to provide the information in an agreed electronic form and format. This information will be compiled by the national societies, based on the classification system used at SGI and presented in forms adapted to SGI-Line. Such information, for example keywords, must be delivered in English.

5. Literature services

SGI will provide literature services to the members of ISSMGE such as enquiries concerning the use of the retrieval system, information retrieval services and document supply services. These services will be charged in accordance with current SGI

personnel rates and price lists. SGI reserves the right to change these rates and prices without previous announcement.

For 25 Member Societies from developing countries a discount of 30 % will be given for document services such as copies of papers etc.

6. Copyright and ownership

SGI holds all rights to SGI-Line.

7. Information and marketing

ISSMGE undertakes to provide information on IRS-Geo to the members of the society using existing contacts, ISSMGE conferences, newsletters and home pages on Internet etc. SGI will provide ISSMGE with relevant documentation for such information activities.

8. Financing

SGI is responsible for the survey, indexing and continuous addition of new titles to the database and for delivering information to be available on Internet. This includes information from the regional and national member societies, supplied by ISSMGE. A discount of the price for document supply services will be given to organizations in developing countries, cf p. 5. As a service in return, ISSMGE shall pay an annual fee of USD 6,000 to the SGI.

ISSMGE and SGI shall cover their own expenses for information and marketing activities.

9. Payment

ISSMGE shall disburse its contribution for recording pre-1976 documents by the advance payment of USD 3000 (made in 1999) and the remaining sum (USD 4000) when recording is finished.

Payment of the annual fee shall be paid in January each year.

10. Term of notice

This agreement will be prolonged for one (1) year if neither of the partners gives notice of termination six (6) months before the expiry of the ongoing agreement period.

The co-operation will be reviewed every four years. A first evaluation was made and a report distributed at the Council meeting in 1999.

APPENDIX 5 – ISSMGE WEBSITE

Report by Professor Taylor

The development of a new web-site was commissioned in 1998. The principal reasons for this were:

- to increase the visibility of the ISSMGE;
- to enhance the availability of information relating to the ISSMGE;
- to provide the central Internet site with information of and links to other sites concerning ISSMGE activities.

The ISSMGE web-site will be a major source of information for all activities associated with the Society. The aim is to make available comprehensive details of all Technical Committees and Conferences and to provide links to associated web-sites as appropriate. It will become the main source of ISSMGE bulletins, press releases and reports on conferences and other ISSMGE ac-

tivities. Within the coming year, ISSMGE News will only be published on the web-site, and the printed version of the News will be discontinued. The site will require regular updating and enhancement to keep pace with the needs and requirements of the membership. Procedures for achieving this efficiently have been considered and will be implemented, and it is hoped that the site will be used regularly and effectively by the membership. The success of the web-site in serving the needs of the membership will depend largely on the support of the members in supplying news items and other information when requested. The cooperation of officers of Member Societies in ensuring that there is a regular flow of news and a prompt response to requests for information will be especially valuable.

The domain name ISSMGE.org has been registered and the new site can be accessed at <http://www.issmge.org/>. The site is still under construction, but the main framework has been established. The site is entered via the home page, which gives a broad outline of the five areas of information available:

News

News of ISSMGE activities and events will be posted in this area and it is hoped that it will be the most dynamic area of the site. News items may be quite varied and attempts will be made to solicit and obtain a wide range of items. For example there can be "Press Release" type announcements of say an event, and this will have a short statement and a link to another web-site. This could include appropriate announcements by the Corporate Members. Other items may be conference or workshop reports with accompanying photographs, as well as details of the proceedings and links to other sites giving further information. The opening News page will contain the most recent information, but older news items will remain available in a suitable archive for a reasonable time period.

Conferences

The key activity of the ISSMGE is organising conferences and details of all International and Regional Conferences, Symposia and Workshops sponsored by or affiliated to the ISSMGE will be listed. Details will be provided by date and/or region giving the title, short description, key dates, contact details and web-site link. In addition, some links to other conference listing sites, e.g. SGI-line, will be provided. It is hoped that all future conferences will be advised to the Secretariat electronically to allow easy updating of information.

Technical Committees

Activities by Technical Committees are increasing all the time, especially for the more mature Committees. The main information contained within this area will be listings of all Technical Committees, their Terms of Reference, and membership with contact details including address, telephone, fax and e-mail for the Chairman, Secretary, core members, members and co-opted members. Increasingly, TCs are developing their own web-sites and links will be provided as advised. Limited details of reports or other output from and activities of the TCs will be given, and this or other information may appear in the News as appropriate.

Member Societies and the Regions

The initial aim is to provide contact details of the member societies. As a minimum, this will be the name, address, telephone, fax and e-mail of the Chairman and Secretary. A brief statement about the Society could also be given, other appropriate contacts as advised and also links to appropriate home-pages. Assembling this information requires some cooperation from the Societies but it is hoped that it will not take too long to assemble a comprehensive list of details. The regional Vice-Presidents will also be able to have some information relating to their regions posted in this area. The potential also exists for listing contact details of all ISSMGE members. This would require careful organisation and if it is to be achieved will require all members to submit information in a standard format. If this can be achieved, it would

make the hard-copy published list of members redundant and would allow for fairly continuous updating of the information. If this is to be achieved successfully, it will require considerable cooperation.

The Society

Details of the Society and the key officers will be provided in this area. The aims and history of the Society will be described briefly and there will be the opportunity for listing the Statutes and By-Laws of the Society.

APPENDIX 6 – GEOENG2000

Report by Mr M Ervin

Introduction

This report presents the status of our organisation and planning for GeoEng2000. Most of the Invited Lectures, Keynote Theme Lectures and Issues Lectures are well advanced in their planning, with commitments from most speakers. The Workshop and Discussion Sessions are being formulated at present.

There has been considerable interest in GeoEng2000 from all continents, and we are confident of a successful conference. A weaker Australian dollar (approx US\$0.65) also will make the conference financially attractive if this situation continues to 2000.

Conference Organisation

The Conference Organising Committee (COC) currently consists of:

Max Ervin (Chairman)		
Chris Haberfield	Gary Chapman	Ian Johnston
Jeff McLeod	Sandy Bennett	Brian Chandler
Bill Bamford		

In addition, we have co-opted assistance in organising the theme conferences from others, as indicated in the attached report.

The Professional Conference Organiser appointed is ICMS Pty Ltd, who have been responsible for successfully organising a wide range of conferences throughout Australia, with some having in excess of 3,000 delegates. Mrs Sarah Hamm represents ICMS on our Committee.

The COC has been guided periodically through the organisation to date by an international conference advisory committee (ICAC) which comprises the current Presidents and Secretaries-General of the three sister international societies. As the Executives of these Societies change during the period of the organisation, the incoming Presidents will also be invited to participate in the ICAC.

Technical Programme

The Conference will provide a forum for all interested parties to meet and discuss both formally and informally issues relevant to the current States-of-Practice as well as future directions. The Conference combines five themes of common interest, with a number of invited lectures from eminent practitioners, researchers and recent achievers on issues that are relevant to the various disciplines represented at the conference.

Five sub-theme conferences will be held as part of the overall conference. The themes adopted are Geotechnical Earthquake Engineering, Underground Works, Stability of Natural and Excavated Slopes, Environmental Geotechnics, and Ground Improvement and Ground Support. For each of the themes, we propose a combination of invited keynote and issues lectures, discussion sessions/workshops and selected paper presentations. Although parallel sessions will be necessary for some of the invited lectures, it is intended to schedule all lectures to provide

the maximum opportunity for delegates to attend those of common interest.

A draft technical programme is attached. Whilst on the face of it this programme appears extremely crowded, the view of the COC is that this is necessary if the five theme conferences nominated by the ICAC are to be satisfactorily incorporated into the week. However, a conscious effort has been made to allocate the sessions so that those with a particular interest in only one or two of the themes will have an opportunity for social interaction and sight-seeing. Similarly, technical tours are being planned on three days, to avoid clashes with the technical programme for those with a particular focus.

Venue

GeoEng2000 will be held in the Melbourne Convention and Exhibition Centre. This centre is able to accommodate up to 2,500 delegates in plenary session and can readily accommodate multiple parallel sessions. A large exhibition space is available. It is proposed that lunches, morning and afternoon teas will be served within the area of the exhibition to allow maximum interaction. External exhibition of heavy equipment will also be possible.

Sponsorship and Finances

The main sponsors of the Conference are the three sister International Societies, namely ISSMGE, IAEG and ISRM.

In addition, we have welcomed co-sponsorship from:

- International Geosynthetic Society (IGS)
- International Tunnelling Association (ITA)
- International Association of Hydrogeologists (IAH)
- International Association for Computer Methods and Advances in Geomechanics (IACMAG)
- International Commission on Large Dams (ICOLD)

The main sponsors have each contributed US\$5,000 seed money towards the organisation.

The Conference will be underwritten by the Institution of Engineers, Australia, who will contribute additional seed money when required. To date, we have survived on the International Society seed money. In return for underwriting the Conference, the Institution will receive 50% of any profits remaining after repayment of seed monies and out-of-pocket expenses of the Committee. The balance of the profits are to be distributed 20% to Australian Geomechanics Society, and 10% to each of the three sponsoring International Societies.

A promotional package has been sent to organisations with an expected interest in the concept and themes of GeoEng2000, seeking financial sponsorship. As is normal, various levels of sponsorship are being offered, with associated levels of exposure. A copy of our survey letter seeking expressions of interest is attached.

Whilst it is desirable to limit the commercial aspects of such a conference, we have taken the view that the more sponsorship we can attract, the lower will be the registration fee and hence the greater the attraction of the conference to potential delegates.

Regrettably response to our requests for sponsorships have been poor, and any assistance or encouragement of organisations to participate in this way that council members can provide would be appreciated.

Social Programme

We want this conference to be technically memorable, but also to be remembered for the special Australian hospitality we plan to provide.

Delegates will be encouraged to arrive in time for a memorable "ice-breaker" on the Sunday. The usual, but hopefully special, welcome reception and conference dinner are planned. Entertainment of some kind on the Tuesday night is also contemplated.

Publishing

The attached report by Chris Haberfield presents our planning with respect to publishing. In summary, the invited lectures will be published in hard copy, but submitted papers (and the invited lectures) will be provided only on DC-Rom. Hard copy of these submitted papers can be ordered after the conference, if required.

Bulletin 1 (Call for Papers) is to be distributed in February.

Technical Tours

Technical tours will be held on three afternoons, with a focus on the five themes of the Conference. Possible options include:

- La Trobe Valley Brown Coalfields:- mining, slope stability, hydrogeology;
- Melbourne Water:- tunnelling, dams, geophysics;
- Melbourne City Link Project:- tunnelling, hydrogeology, soft ground engineering;
- Landfill Sites:- putrescible and prescribed waste landfill practice in Australia;
- City Construction Sites:- basements, ground support, excavation;
- Urban and Rural Roadworks:- geosynthetics, slope stability, ground support.

Accompanying Persons Programme

Little planning has gone into this to date. However, there is much to offer around Melbourne including Australian wildlife sanctuaries, the Penguin Parade, wineries, museums, living historical displays and similar.

Pre and Post Conference Tours

No planning at this time, but Australia offers endless opportunities for social and technical tours before and after the Conference. These will be offered.

Budget

Based on our current planning and expected publishing costs, a registration fee (1999 dollars) of US\$550 is expected to be able to cover the Conference, with a break-even number of 600. Nevertheless, we will be disappointed if we don't exceed 1,000 delegates.

Board And Council Meetings

A commitment was made by each of the international sponsor societies to schedule Board meetings to coincide with GeoEng2000 and, if possible, Council meetings.

The ISRM has agreed that their 2000 Board and Council meetings will be held in Melbourne. ISSMGE has agreed (I believe) that their 2000 Board meeting will be held at the Conference, and although not a scheduled year for a Council meeting, there has been some discussion of a special Council meeting. IAEG has advised that their executive will meet in Melbourne, but other commitments preclude their Council Meeting at this time. Council may wish to consider this.

We have written to our co-sponsoring societies inviting them to schedule a meeting of their organising bodies at GeoEng2000.

The ICAC has recommended that there be a joint meeting of the executives of the societies at GeoEng2000, to reinforce the synergies of the three societies and the reason for the Conference.

Mercer Lecture

GeoEng2000 has been selected as one of the venues for presentation of the 2000 Mercer Lecture. This will be held as a public lecture, probably on the Tuesday or Wednesday evening. Actual

timing is to be agreed, but probably about 6.00 pm following the Poster Sessions.

Meetings Of Commissions And Technical Committees

The ISRM has asked that their commissions be provided a venue to meet at GeoEng2000. This is welcomed and will of course be accommodated.

We have had enquiries from several ISSMGE Technical Committees offering support for and input to GeoEng2000. Unfortunately, we consider it is not practical to include special sessions within the already very busy schedule. However, we have encouraged those who have enquired to contemplate a one day symposium on their topic, possibly on the Saturday before the Conference. To date TC20, TC23 and TC33 have indicated they will hold a Symposium prior to GeoEng2000.

The Chairmen of other TC's will be asked if they wish to similarly organise a Symposium. Participants in Symposia will be given a discount on the full registration fee for the Conference.

Accommodation And Transport

A wide range of accommodation will be offered to delegates, ranging from university halls of residence to five star hotels for those who require or can afford such luxury. A free pass on Melbourne's user-friendly public transport system will be provided to allow delegates to freely come and go as they choose, as well as to explore the city at their leisure.

As far as is possible, we will negotiate low cost international travel. However, our advice to date is that unless group bookings can be co-ordinated, it is usually less expensive to obtain travel packages from within the country of origin. Please be assured travel to Australia is not expensive, with return airfares to Europe at present available at less than US\$1,000.

Closure

There is much yet to be done. However, we believe the organisation of this milestone Conference is well advanced. There has been considerable interest in the Conference and we are becoming increasingly confident of its success. However, it will be necessary for the importance and value of this Conference to be announced and advertised as often as possible. The assistance of all Council members in this regard is encouraged.

I look forward to feedback and input from Council.

GeoEng2000: Progress Report on Publication and Paper Presentations

Chris Haberfield

Proceedings

- The proceedings will consist of 2 hard-bound volumes (Volumes 1 & 2) and a compact disk. The compact disk will be attached to the inside cover of Volume 2.
- Volume 1 will contain all the invited papers including keynote lectures, invited lectures and issue lectures. These papers have an unlimited page length.
- Volume 2 will contain 1 page extended abstracts for all submitted papers. Full length papers will be published on CD. The extended abstracts will be submitted at the same time as the full length papers.
- All accepted papers (invited and submitted) will be placed on CD. The CD will have extensive search capabilities and a menu driven system specifically designed for this conference. The merits of including advertising and sponsorship on the CD (to help offset the costs of production) are currently being investigated.
- Hard copies of the full proceedings will be available on order

after the conference at a cost to be negotiated with the publisher.

- There is no intention to produce a post-conference volume at this stage.

Submitted Papers

- Length and format of submitted papers still need to be finalised, but it is likely that submitted papers will have a maximum length of 8 A4 pages. Formatting instructions will be provided for the major word processing packages. Format paper will be available on request.
- Authors will be encouraged to submit their papers in electronic form as well as by hard copy. Where possible, email and the WWW will be the preferred mode of communication. Papers not submitted in electronic form will be scanned.
- Call-for-abstracts has been finalised. It will be widely distributed to both individuals and National Societies by end of February 1999. Abstract deadline is 18 June 1999.
- Abstracts will be grouped according to the conference themes of Environmental Geotechnics, Geotechnical Earthquake Engineering, Ground Improvement and Ground Support, Stability of Natural and Excavated Slopes, Underground Works, and Geotechnical Engineering Education. Abstracts will be assessed by one of six local sub-committees – one sub-committee will be set up for each of the six conference themes, each sub-committee will be responsible for assessing abstracts, distributing final papers for review and selecting papers for presentation/awards/poster sessions. Notification of accepted abstracts will be made by 30 July 1999.
- Full papers will be due by 19 November, 1999. These papers will be distributed for review, with reviewers comments forwarded to authors by 31 March 2000. Final copies of papers will be due by 1st July, 2000.
- Colour photographs and diagrams will be included on CD but not in hard copies.
- Sub-committees in collaboration with theme keynote presenters and issue lecturers will select papers for poster sessions and presentation.

Publishing

- The CD will be prepared and manufactured by a local Melbourne based CD publishing company, Conference Recording Services (CRS). This company provides expert service and due to its close proximity will allow us to have closer control over the final product and a much shorter turn around time. The company deals explicitly with CDs, and appears able to produce a better quality product (than other bidders) for a significantly lower price.
- Quotations have been requested from Elsevier and Bitech to produce the two hard volumes and to distribute the proceedings internationally. They will also be responsible for producing full hard copies of the proceedings if required.

Awards, Poster and Paper Presentations

- The quality of accepted papers will be assessed during the review stage. Reviewers will be supplied with a standard review form. This form will also contain questions pertaining to the quality of the paper and whether the reviewer feels that it is worthy for an award, oral presentation, invited poster presentation (evening session) or other poster presentation (morning tea and lunch sessions)
- The best 5 papers from each of the six themes will be identified (30 papers in all). The short list will be chosen on the basis of the following criteria. The papers must demonstrate a significant advancement of knowledge or a particularly innovative solution to a practical problem; be free of conjecture and adopt sound engineering principles throughout; acknowledge past research where appropriate; be concise, well

written and free of typographical errors. Preference will be given to papers that demonstrate the inter-disciplinary nature of our profession.

- All short listed papers will be reviewed (after final submission) by a panel of local experts to determine the best 4 papers in each of the broad fields of rock mechanics, soil mechanics and engineering geology. The authors of these papers will be notified of their award at least 3 months prior to the conference to allow preparation of presentation material.
- Each group of 4 papers will be sent to the International Society Presidents for final selection. The best 3 papers will be presented in the last plenary session (Friday 12.00 to 1.00 pm) of the conference. The authors will be presented with an award recognising their achievement. The President of each International Society will present the award and introduce the author. The authors will each have 15 minutes to present their paper. 5 minutes will be used for award presentation and author introduction.
- The authors of the remaining 9 papers will be given the opportunity to present their paper in the pre-lunch session on Thursday. Each author will be allocated a maximum of 15 minutes to present their paper.

APPENDIX 7 – XV ICSMGE 2001

Report by Professor E Togrol

XVth International Conference on Soil Mechanics and Geotechnical Engineering will take place in Istanbul, August 27-31, 2001.

Following the meeting of the Organising Committee with the President, Professor K. Ishihara on 7 November 1997, in Istanbul, a Position Paper concerning the planning of the XVth International Conference was prepared and submitted to the Board Meeting, on 23 April 1998, in Atlanta. The Conference Advisory Committee met on 25 May 1998 and made further improvements on the Position Paper.

Bulletin 1 of the Conference which is based on those discussions and further correspondence with the President and the Secretary General will be sent to Member Societies by the end of March, 1999.

The technical program of the XVth Conference will include all the traditional items of our International Conferences. A wide range of subjects will be covered in Plenary and Discussion Sessions and in Special Lectures, which will provide participants with a compressive and up-to-date overview of present day geotechnical engineering.

There will be six main themes to be discussed at the Conference. Main themes will be given in Plenary Sessions and eighteen sub-themes will be taken up in Discussion Sessions. Furthermore there will be Workshops on four independent topics.

A small number of well-chosen Projects will be presented in the course of the Conference.

All authors whose papers are published in the Conference Proceedings will be encouraged to present their papers at Poster Sessions.

During the Conference, half-day excursions to interesting engineering projects in the vicinity of Istanbul are planned.

An exhibition of geotechnical methods, equipment, materials and services is also planned.

Satellite Conferences will be organised as a series of dense course-workshop type sessions. These will be held in six different cities in Turkey on Friday, August 24, and participants will be transferred to Istanbul on Sunday, August 26. Each Satellite Conference will provide ample opportunity for a small group of participants (50 to 100) to discuss a specific topic. In addition, there will be an opportunity for the participants to visit a nearby major construction site. Thirdly, the participants will be able to spend a relaxing weekend at a summer resort or visiting an archaeological / historical site before attending the Conference.

The organisational focus of the Conference is to keep the registration fees as low as possible to promote attendance by researchers and engineers from all over the world. The Turkish Member Society, after careful study of the financial possibilities, has decided to offer 550USD as the conference registration fee, which will cover all the traditional benefits of international conferences.

Furthermore, to encourage and to facilitate the participation of younger researchers and engineers a special reduced fee (half of the normal fee) is offered. Up to 200 reduced fees will be offered to those participants nominated by their Member Societies. Social program of the Conference will include the Welcome Reception and the traditional Banquet. Accompanying persons will have ample opportunity to get acquainted with Istanbul and its surroundings.

APPENDIX 8 – ISSMGE HERITAGE MUSEUM

Report by Professor Ishihara

President's View on the Establishment of the Heritage Museum in ISSMGE

After the Hamburg conference, I paid a visit to Istanbul Technical University (ITU), Vienna Technical University and Deutsche Museum in Munich, attended respectively by Professor E. Togrol, Professor H. Brandl and Dr. M. Sadgorski. I made hearings and exchange views with some of the Board members on the establishment of the Heritage Museum. I also exchanged conversation with other key persons in our Society. As a consequence of these discussions, the following points have become clear.

1. In each of the institutions wishing to house the Heritage Museum, there already exist a number of documents, reports, artifacts, photographs, video films, apparatus, machines which are considered as milestone artifacts attesting the development of geotechnical engineering. These articles or properties are patrimony of their own possession, and as such it is difficult to request any institute to donate the heritage properties to other organizations. This means that physical transfer of all articles of importance at one designated Heritage Museum is not feasible. In addition, it is likely that there will be a number of institutes or organizations coming up in future which have a stock of precious articles in possession. Thus, it will be practically impossible to transfer all of the heritage articles to one place and establish one complete integrated museum.
2. With the above fact in mind, it would be desirable to have multiple heritage museums with their own flair and characteristics at different places in the world which are designated and authorized by ISSMGE. These museums need not necessarily be established at the same time but should be the undertakings to be built upon one after another as appropriate.
3. Once endorsement is given by ISSMGE, it would be an obligation for the national societies installing the Heritage Museum to submit a report every year on current states of progress and maintenance of the Museum so that these will be announced in the News Letter as appropriate.
4. Regarding the finance, the initial and running costs for the installment and maintenance of the Museum should be borne by the respective national societies. The ISSMGE will appropriate funds for travel or hotel accommodation for those liaison officers representing the ISSMGE.
5. There is the Terzaghi Library in the Norwegian Geotechnical Institute established by the efforts of Dr. Bjerum. This library is to be regarded as a model of the Heritage Museum and may need to be designated accordingly by ISSMGE, if NGI wishes to do so.

Proposal from Turkish National Society

I have paid several visits to the Technical University of Istanbul (TUI) and Bosphorous University to inspect traces of Terzaghi's activities at an early era of his career before the year of 1925. When I visited there in November 1997, Professor Togrol showed me around the site of a building under construction where the proposed museum is to be housed. At the time of the Board meeting in Atlanta on April 25, 1998, Professor Togrol explained the nature of the proposed museum and its perspectives in the future. Based on the above input the proposal may be summarized as follows.

1. There are several pieces of equipment built by Terzaghi for measuring permeability of soils in TUI, and desks and book shelves used by Terzaghi. There is a plaque commemorating his work which is installed on a concrete wall in the garden of a guest house of Bosphorous University overlooking the Bosphorous Strait. The laboratory equipment, desks and book shelves may be placed on exhibit at a corner of a room in the proposed building.
2. In the new campus of TUI, construction of a five-storey building is under progress for housing mainly the library of the University. Negotiation is underway with the University authority so that the sufficient space can be made available in one wing of the building for housing the Heritage Museum of geotechnical engineering under the auspices of ISSMGE. In addition, the provisions will be made for living quarters for those wishing to do researches linked with the Museum and also for a large meeting room. At this moment, provisional approval has been obtained from the TUI, and according to the account of Professor Togrol, final approval will be obtained, if the ISSMGE gives endorsement for the installation.
3. If the endorsement is accorded, a geotechnical section will be arranged so that it is a part of the university library within its general concept and framework. Since the floor space is sufficiently large, it would be possible to collect and store practically all records of geotechnical activities that have been made during the last 60 - 70 years. For examples, all proceedings of ICSMGE and regional conferences as well as proceedings of many symposia and conferences in recent years may be brought together and stored in this library. Thus, the proposed heritage museum will probably have the nature of a library of geotechnical archives.
4. As per the budget, it is hoped that the Turkish national committee will make efforts to appropriate funds in cooperation with private and public institutions and persons.
5. With respect to the continuity of the Museum, the Technical University of Istanbul will have staff members of younger generation interested in the maintenance of the geotechnical section in coordination with the librarians of the TUI.
6. It is proposed that the International Board be established to institute the Heritage Museum consisting of officers of ISSMGE, rector of TUI, Chairman of the Science Center Foundation and Chairman of Turkish National Committee.

Proposal from Austrian National Society

I have visited the Technical University of Vienna (TUV) several times in the past and was shown around by Professor Brandl in the laboratory of Soil Mechanics. A proposal was also filed with the Board of ISSMGE for housing the Heritage Museum. The following is a summary of the results of these contacts with TUV.

1. There are many pieces of laboratory equipment and devices that have been used from the era of Terzaghi, A. Casagrande, and Flohlich. The original assemblages were destroyed during the Second World War but reconstructed to the original

form. Several pieces of oedometer test apparatus were set up by collecting old timbers for loading frames based on the original design sketches by Terzaghi. These apparatus are still being used today and the laboratory still retains the atmosphere of what it appears to have been in the early period of soil mechanics development.

2. Old documents and reports by Terzaghi, A. and L. Casagrande and Flohlich have been collected from their old clients. The original manuscripts of several books such as "Theory of Settlement of Clays" by Terzaghi and Flohlich were discovered and these would be on display, when the Heritage Museum is installed. There are many pieces of memorabilia left reflecting motives of the forerunners for developing soil mechanics and ground engineering. For example, a philatelic exhibit will be installed with the Terzaghi stamp.
3. With the above items on exhibit, a Heritage Museum in Vienna, if established, will be able to provide a flair of roots of soil mechanics, highlighting the pioneering works by our predecessors.
4. At the moment, the Technical University of Vienna is not yet in a position to provide a wide floor space for housing the Museum. However, a relevantly wide space may be made available by rearranging the rooms being currently used by the Soil Mechanics Laboratory. The proposal by the Austrian Society says that a relative small museum could be installed to start with, and it will increase the size gradually in future.
5. With respect to the continuity of the Museum, the Austrian proposal said that there are some Viennese geotechnical engineers of young generation who are greatly interested in the museum and continuation of the tradition nurtured in Vienna.
6. As per the budget, the arrangements will be made for the time being based on the budget of the Soil Mechanics Laboratory of the TUV. Special effort may be made by the Austrian society to collect funds, as it is necessary, from private or public sources.
7. The TUV is located conveniently in the center of Vienna and accessible by anybody wishing to visit the museum.

Report of the Visit to Deutsche Museum in Munich on September 10- 12, 1998

In the evening of Sept. 10, 1998, I arrived at Munich airport and was met by Dr. Wellin Sadgorski who is a member of the committee in German National Society in which issues of the Heritage Museum are discussed. He has been working as an editor of German technical journal "GEOTECHNIK" over the years and is a representative of the German Society for the committee of Eurocode 7. Originally, Professor Floss of the Technical University of Munich was requested to be with me, but because of his commitment outside, Dr. Sadgorski was asked to act as a coordinator instead to show me around in Munich.

On Sept. 11, 1998, I paid a visit to the Deutsche Museum together with Dr. Sadgorski. We were welcomed by Mr. Wilhelm Kretzler, a scientific officer of the Museum and escorted to several rooms exhibiting items related to civil engineering. These included exhibitions on bridge building, hydraulic engineering, tunnel construction, mining-ore dressing and mineral oil-natural gas.

Dr. Sadgorski was with me all the way through during my two-day stay in Munich. As a result of conversation with him and also with Mr. Kretzler, it has become possible to understand general circumstances and current state of progress in the German Society for the organization of the Heritage Museum. These are summarized as follows.

1. The Deutsche Museum is a museum of science and technology. It was established in 1906 by Osk von Miller and has expanded its coverage since then. The Museum is still improving its content and will continue to do so in future with

evolution of science and industry. The Museum has a floor area of over 46,000 m² in large masonry buildings which are located in a sandbar area in the Isar river course flowing through the city of Munich. It is very conveniently located and has easy access to the public. It is open everyday throughout the year and attracts about 3,000 visitors per day.

2. According to the account by Mr. Kretzler, the executive committee of the Museum is planning to relocate some of the exhibits existing in the ground floor to other buildings and to provide a floor space to establish a new section entitled "Earth Science and Technology". It is conceived that this section will be renovated by integrating existing exhibits of related technical fields into an updated framework. The basic conception for establishing this new theme park would be envisioned in such a way where a sequence of events is traced from early period to the present state of its development. This section will include geology, geotechnology, environmental technology and various kinds of civil engineering construction works.
3. By nature of this Museum catering to the general public, main operation consists of exhibitions of prototype apparatus, mechanism and illustrative models. Therefore, the geotechnical section, when it is established, will probably demonstrate models to illustrate several of working mechanisms of soil mechanics and subsurface investigation, prototype apparatus of in-situ tests such as SPT, CPT, pressiometer etc. and the apparatus of laboratory testing with illustrative diagrams. Principle of soil reinforcement will also be on exhibit. These exhibits will be presented in coordination with those in the areas of geology, environmental geotechnics, foundation works and underground works.
4. With the foreseeable feature of the exhibition as above, it will be difficult to form the geotechnical section such that it can cater, in details and in more sophisticated way, to those specially interested in the history of geotechnical engineering. It will not be appropriate in the above framework to provide exhibits with much detailed accounts of soil mechanics principles and their application. Nor will it be possible to exhibit valuable documents or memorabilia of our predecessors for normal visitors. Therefore, there will be little exhibited describing high profiles of our great forerunners.
5. Another important aspect would be how to finance the implementation and maintenance of the Heritage Museum. Dr. Sadgorski said that a special committee will be set up in the German National Society inviting members from construction industries. There are many construction companies willing to serve for this cause and there will be no problem in this respect. Regarding the maintenance, Mr. Kretzler said that annual budget will be appropriated continuously from the ordinary budget of the Deutsche Museum. Thus, the expenses ISSMGE must share would be limited to those related to travels and meetings of officers of our Society.
6. German National Society has already established an adhoc committee under the chairmanship of Professor Wittke, and discussed the proposal to ISSMGE with initial ideas about the implementation of the Heritage Museum. If ISSMGE gives endorsement, then the committee will be extended by inviting some geotechnical experts from abroad on behalf of ISSMGE and some scientific officers from the Deutsche Museum. The Committee consisting of these three major groups is scheduled to develop a series of action plans to implement the ISSMGE-sponsored Heritage Museum in coordination of the Deutsche Museum.
7. There are two universities in Munich having the civil engineering department. Technical University of Munich and University of Armed Force have a geotechnical division, whereas the Ludwig Maximilian University has geology department. These three universities are interested in participating in the establishment of the Heritage Museum and ex-

pected to provide on-the-site experts taking care of the Museum.

8. There is a well-arranged library attached to the Deutsche Museum. It contains a large body of books and documents in respective fields of science and engineering. Similar arrangements will be made for the geotechnical engineering documents with provisions of book shelves etc.

Drawing on the situations as described above, I am of the opinion that, although it will not be possible to highlight the contributions of our predecessors, the proposed type of museum would be considered attractive from the view point that the geotechnical profession is recognized publicly with the same degree of strength as the structural and hydraulic engineering have had. The proposal by the German Society would also be of value in the sense that the Museum will greatly contribute to promote public education in the area of geotechnical engineering which is one of the important tasks assigned to ISSMGE.

APPENDIX 9 – INTERNATIONAL YGEC 2000

Report by Secretary General

A meeting of the Organising Committee for YGEC 2000 was held on 24 November 1998. It was decided to hold the conference over 4½ days with full day sessions on Saturday 9 September 2000 and on Monday, Tuesday 11 and 12 respectively and a ½ day session on Wednesday 13 September. A visit to the Isle of Wight landlips is scheduled for Sunday 10 September. The reason for including Saturday and Sunday in the conference timetable is to minimise the time the delegates need to be away from their place of work and to take advantage of lower plane fares when a Saturday night is included.

Excellent university accommodation has been booked on favourable terms, together with lecture halls, allowing for both plenary sessions and parallel discussion sessions. This may be necessary if the total number of delegates is around 100 as expected. Three leading international figures, Dr Suzanne Lacasse, Professor Robert Mair and Professor Kenji Ishihara are being invited to give keynote lectures.

Delegates will be asked to submit written accounts of their presentations to not exceed 2 sides of A4, which will be bound into one volume as proceedings for the conference.

The budget for the conference, including all accommodation and facilities costs, but excluding travel costs, is GBP35000 to GBP40000, of which ISSMGE is contributing GBP9000. Other sources of funds are being investigated, including private company sponsorship. Modest contributions have been promised by the British Geotechnical Society and the Royal Academy of Engineers. It is also proposed to offer advertising space in the conference brochure.

Report to ISSMGE:

Rachel Kelly, British Geotechnical Society

1.0 General

The British Geotechnical Society will host the International Young Geotechnical Engineers' Conference in September 2000.

The conference is to be held at the University of Southampton from 13th to 18th September. Previously YGEC events have been held in various continents but to mark the millennium, the YGEC 2000 will be international and 2 delegates will be invited from each of the ISSMGE member societies.

2.0 Brief Description of the Conference Format

The aim of the conference is to bring together young geotechnical engineers from around the world to present their work within

a framework of main sessions, with keynote speakers and parallel sessions.

There will be no specific theme for the conference, to allow flexibility for delegates in preparing their papers. Session topics will be chosen in light of the papers submitted.

In arranging the conference programme particular emphasis will be placed on allowing time for open discussion within the sessions.

3.0 Provisional programme

Friday 8 September	Informal evening reception
Saturday 9 September	Plenary and parallel sessions
Sunday 10 September	Daylong field trip to the Isle of Wight. Small groups of delegates will be lead by engineering geologists with knowledge of the area.
Monday 11 September	Plenary and parallel sessions. Conference dinner in evening
Tuesday 12 September	Plenary and parallel sessions
Wednesday 13 September	Morning sessions with end of conference at lunchtime.

We propose to have 4 sessions in each full day – 2 in the morning and 2 in the afternoon – and each running for an hour and a half. The facilities at the University of Southampton allow for both plenary and parallel sessions and the programme of sessions will be confirmed once we have firm details of the number of delegates and the range of topics of the submitted papers.

We intend to produce a glossy "souvenir bulletin" of the conference, which would include notes for the field trip and would provide a lasting document of the conference.

4.0 Keynote speakers and session chairmen

Keynote speakers were selected to provide the opportunity for delegates to hear from internationally renowned figures in the geotechnical field. Dr Suzanne Lacasse and Prof. Robert Mair and have accepted invitations to present keynote lectures at the conference and invitations have also been sent to Prof. Kenji Ishihara and Prof. Kerry Rowe. The keynote lectures will form the focus of the main sessions of the conference.

Each session will have a chairman who will be responsible for keeping the delegates' presentations to time and encouraging open discussion. We will approach key members of the British geotechnical community to act as session chairmen, as well as the keynote lecturers themselves, staff of the University of Southampton and the organising committee.

5.0 Organising Committee

Prof. John Atkinson
Mr Chris Eccles
Mrs Rachel Nicholls
Dr Dick Parry
Prof. William Powrie
Dr David Richards

6.0 Funding

The budget cost of the conference, including accommodation, room hire, field trips and conference dinner, is £40,000.

To date, the following funding has been confirmed:

ISSMGE	£9,000
BGS	£1,000
Royal Academy of Engineers	£400

We intend to cover all the costs associated with hosting the con-

ference so that delegates will only need to cover travel costs to Southampton. To raise the remainder of the conference cost we are currently writing to geotechnical organisations to offer sponsorship and advertising opportunities.

APPENDIX 10 – ESTABLISHMENT OF YOUNG GEOTECHNICAL ENGINEERS' AWARD

Report by Professor M F Randolph

1. Purposes

The aim of the ISSMGE Young Member Award is to encourage research and development in the field of geotechnical engineering and to acknowledge the contribution of young members of the Society. The award will be given in recognition of achievement during the four-year period preceding the year of the award. The ISSMGE Award will be presented to one or more individuals who have made outstanding contributions to the development of geotechnical engineering through their scientific and technological work.

2. Conditions

A maximum of three awards will be given to ISSMGE members who are less than 36 years of age on 31 December of the last year of the four-year period, which will normally be the year in which the quadrennial ICSMGE is held.

3. Nomination of Candidates

One nomination may be made by each member society based on technical papers submitted to the forthcoming ICSMGE, or the immediately preceding regional CSMGE. Each nomination should be accompanied by a CV for the nominee and, in the case of nominations based on jointly authored papers, a statement of the contribution made by the nominee.

4. Award Committee

The Award Committee will comprise five Board Members of the ISSMGE, with preference given to the younger members. One of them will be appointed by the President as Chair of the Committee. The Committee will be responsible for selecting appropriate reviewers, summarizing the review results and reporting to the Board.

5. Procedures

Nominations must be received at the ISSMGE Secretariat no later than two weeks following the deadline set for submission of papers to the forthcoming ICSMGE; this will normally be about four months before the Board Meeting preceding the ICSMGE. The Secretary General will prepare a list of the nominations and forward copies of each nomination to members of the Award Committee for them to review. The review process must be completed and the final report sent to the Board Members no later than three weeks before the Board Meeting. The final decision will be made at the Board Meeting based on the report from the Award Committee. The award(s) will be presented at the closing ceremony of the ICSMGE.

6. Content

Each award will consist of a certificate and a cheque for UK£500 (value to be reviewed every four years).

PROPOSED TIMETABLE FOR 2001 AWARD

Date	Event or Key Personnel	Milestone
Aug. 2001	ICSMGE (Istanbul)	Presentation
Aug. 2001	Council Meeting	Report
May 2001	Board Meeting	Final decision
April 2001	Award Committee	Report to Board members with recommendation
Jan. 2001	Member Societies	Deadline for nomination
Dec. 2000	Organizing Committee	Deadline for final manuscripts for ICSMGE
Nov. 2000	Secretary General	Member Societies invited to nominate candidates
Mid-1999	Secretary General	Announcement of Young Member Award in Bulletin 2 of ICSMGE, ISSMGE News and web-site
June 1999	Council Meeting	Report and acceptance in principle
March 1999	Board Meeting	Agreement on award conditions

APPENDIX 11 – RELATION WITH ISRM, IAEG AND OTHER INTERNATIONAL ORGANISATIONS

Report by Secretary General

ISSMGE continued to be an Affiliated Member of the International Union of Geological Sciences (IUGS).

A meeting of the President and Secretaries General of the three Sister Societies, ISMGE, ISRM and IAEG was held in Naples on 12 October 1998 at the venue and time of the International Symposium on Hard Soils-Soft Rocks. A discussion on GeoEng 2000 had taken place on the previous day. It is of interest that a number of other international bodies have agreed to co-sponsor this conference and keynote lectures are being given by senior members of IGS, ITA and IAH as well as members of the three Sister societies.

A record of the joint meeting prepared by Professor R N Taylor follows. The subjects discussed included cooperation between Technical Committees or Commissions of the three Societies on topics of common or mutual interest, joint conference sponsorship and the problems of surcharges, websites and other means of disseminating news. It was agreed that the next joint meeting of officers of the three Sister Societies should take place in November 2000, at the time and venue of GeoEng 2000.

Meeting of Presidents and Secretaries General ISSMGE, ISRM, IAEG on 12 October 1998 – Report By Professor R N Taylor

Present:

Professor K Ishihara,	President, ISSMGE
Professor M F Randolph	Vice President Australasia, ISSMGE
Dr R H G Parry,	Secretary General, ISSMGE
Professor R N Taylor	Secretary General Elect, ISSMGE
Professor S Sakurai	President, ISRM
Professor M Panet	President Elect, ISRM
Professor G Barla	Vice President Europe, ISRM
Professor P Marinos	President, IAEG

The discussion regarding GeoEng2000 had taken place on the previous day. Minutes and notes were taken by Dr C Haberfield, Mr M Ervin (circulated 16 October 1998) and these identify various actions.

Issues regarding Technical Committees (ISSMGE) and

Commissions (ISRM and IAEG) were discussed.

The ISSMGE have 30 Technical Committees, the ISRM have 9 Commissions and the IAEG have 8 Commissions. The common themes between all three Societies concern education, land-slides, and monuments; geophysics is common between ISSMGE and ISRM. It was noted that there was likely to be considerable variability in activity, operation, deliverables and maturity of the various Committees but that they at least all usually arranged to meet at specialist conferences, though other smaller meetings may take place at other conferences. Clearly, there is the potential for joint Commission meetings, for example at GeoEng2000 in Melbourne, and the Presidents agreed to contact the relevant Committee Chairmen pointing out the potential for collaboration and requesting an appropriate contact person (who clearly must be an active core member) to liaise between Committees. The relevant Committees will be encouraged to consider holding joint meetings and/or workshops, especially at common conferences e.g. the Landslides conference in Cardiff, UK, June 2000, and it was resolved that joint workshops or meetings should be held during GeoEng2000 in Melbourne. On this point, it was suggested that Dr Gary Mostyn should be encouraged to organise and chair workshop in Melbourne on land-slides, and Professor Sakurai agreed to contact Dr Mostyn about this.

These items concerned sponsorship of conferences and the issue of charging a surcharge on registration to non-members of societies.

The ISRM were concerned about the addition of surcharges, and pointed out that the practice could lead to difficulties - for example the ITA did not apply a surcharge and this could cause problems with a joint conference. The policy of ISRM is to apply a surcharge only to the International (and not Regional) Conferences. The ISSMGE clarified its position of charging a surcharge for the quadriennial International Conference and the Environmental Engineering Congress. The IAEG policy is, in cases where financial sponsorship is given, to recover a share of the profits; the investment is lost if no profits are made. The GeoEng2000 conference was seen as a rather unique event and that the normal arrangements of surcharges did not apply.

Regarding sponsorship, Professor Sakurai expressed some surprise at discovering in the past an ISRM sponsored conference to have also been sponsored by the ISSMGE. Dr Parry explained that since there were many conferences being organised by the ISSMGE membership, then the ISSMGE effectively sponsored many events. He tabled a list of about 30 Conferences and Symposia with some form of ISSMGE sponsorship. In order to avoid confusion regarding conference sponsorship, there needed to be a more regular exchange of information. In the past, there had been an arrangement for the 3 Secretaries General to meet periodically to discuss issues including the diary of events and style of publicity. Dr Parry asked Professor Sakurai if Dr Rodrigues could organise such a meeting in 1999.

There had been some developments regarding web-sites. In particular, the ISSMGE was developing a new site which would provide reasonably comprehensive information including news items and also links to member societies, technical committees and conference organisers web-sites. It was hoped that the new site would be launched by the end of 1998.

The various methods of disseminating news items by the three societies were discussed. The only foreseen change was by the ISSMGE which planned to reduce, and eventually abandon, the printed newsletter but to instead place all items on the web-site. The timing of the cessation of the printed newsletter had not yet been defined.

During the discussions on the previous day, it had been agreed that there should be a meeting in Melbourne in 1999. After some debate it was agreed that this meeting should take place during the last two weeks in November. Mr M Ervin has since suggested 21 November 1999, but is awaiting confirmation from the Presidents and Secretaries General of the suitability of this date. Professor Ishihara would preside over the meeting.

APPENDIX 12 – MANUAL FOR PREPARATION OF TECHNICAL PAPERS

Report by Professor R N Taylor

Introduction

At the Council meeting held in Hamburg in September 1997, the Israel Member Society presented a proposal that there should be a manual for the preparation of technical papers for conferences held under the auspices of the International Society. The key issue of concern was the different layouts required by different publishing companies could cause some confusion and potential difficulties for Authors.

Following the Council meeting, Professor Bogossian prepared a draft manual which presented guidelines concerning paper size, typeface, layout including headings, illustrations, tables and equations, and references. These guidelines concentrated on the production of technical papers using a word-processor. They were sent to the Israel Member Society for comment. The response was generally favourable, with some additional suggestions made.

Technical papers prepared for conferences have until now usually been submitted in camera ready form. The layout has been specified by the publishing house, chosen by the conference organisers, and essentially reflects the house-style of the publisher. This is likely to remain the case, certainly in so far as page size and margins are concerned, and prescriptive guidelines can only focus on the overall appearance of technical papers.

The publishers, Balkema, have often been used to publish conference proceedings for the ISSMGE. They do not have the monopoly on publishing ISSMGE material, but other publishers have had similar house styles. The different styles available through Balkema are:

- (i) Large format: final page size A4 (210mm □ 297mm), typed area 230 □ 327mm in two columns each 110mm wide.
- (ii) Medium format: final page size B5 (176mm □ 250mm), typed area 187mm □ 268mm in two columns each 90mm wide; a copy of the Balkema layout is attached.
- (iii) CD-ROM format: continuous single column, width 156mm.

Option (i) has generally been used for the quadriennial international conference and also for some major regional conferences. The large format requires cut-and-paste, unless an A3 printer is available. Option (ii) has often been used for smaller, specialist conferences and is very convenient in that the paper in final form can be printed using a standard A4 printer. Both of these 2 options require camera-ready copy that is subsequently photo-reduced by about 75% for final publication. Option (iii) is quite recent and applies to the XIth ECSMGE and GeoEng2000 conferences. The single column requirement is to allow scrolling on a computer, and should be designed for ease of reading on a standard computer screen.

Guidelines on the preparation of technical papers, consistent with those normally issued by Balkema, were presented at the Council Meeting. The example used was the Option (ii) layout used by Balkema and specified above and it was assumed that ISO A4 paper (210mm □ 297mm) would be used. Special emphasis was placed on the font used particularly for annotations within figures.

APPENDIX 13 – AUDITED ACCOUNTS 1997, 1998

Report by Secretary General

ISSMGE Accounts 1997

The cash balance for 1997 showed a deficit of CHF59823 in the Credit Suisse account and a net surplus of GBP28722 in the UK accounts. Assuming GBP1 = CHF2.4 this gives an overall in-

crease of GBP3796. While this may seem satisfactory it should be viewed in the light that a sum of GBP16762 was received from the Hamburg Conference, and GBP4500 charges for printing and posting the 1997 List of Members appear in the 1998 accounts, as Balkema was late in submitting his invoice.

It can be seen from the comparison of 1997 receipts and expenditures against ordinary budget amounts that Member Society Income was GBP18333 less than budget and Interest received was GBP4585 more than budget. Most expenditure items agree reasonably with budget figures, with the exception of Travel, which was GBP7829 less than budget.

The Extraordinary items show Corporate Member subscriptions GBP2961 less than budget and Conference Income GBP3238 less than budget. There was no expenditure under Other Initiatives or List of Members, but expenditure on ISSMGE News was slightly above budget.

ISSMGE Accounts 1998

The ISSMGE audited accounts for 1998, are attached. The cash balance for 1998 showed a decrease of CHF115331 in the Credit Suisse account and a net increase of GBP50433 in the UK accounts. Assuming GBP1 = CHF2.285 this gives an overall increase of GBP40. As recommended by Prof Robert Mair at the last Board Meeting and agreed by that Meeting a large portion of the Swiss funds (CHF240000) was transferred to the UK and placed in Barclays one-year Treasury Deposits. The total amounts placed in the Treasury Deposits were GBP120000 at 7.125% interest and GBP50000 at 6.6875% interest, made up of the transferred Swiss funds and GBP80000 transferred from the UK National Savings Investment Account.

Comparing the 1998 accounts to the 1997 accounts (see tabulation) it can be seen that Member Society subscriptions of GBP80467 for 1998 were well in excess of the 1997 figure of GBP64867. There is no obvious explanation for this as Member Society subscriptions are usually high in Council Meeting years, but this was not the case in 1997. Thus the higher figure in 1998 is partly explained by some back payments being made and by a difference in exchange rates of GBP to CHF. The latter accounts for about GBP3700 of the difference.

A number of ordinary expenditure items in 1998 were significantly less than in 1997, for example office equipment, photocopying and printing, postage, stationery and travel, with the result that ordinary expenditure in 1998 of GBP63728 was substantially less than GBP71954 in 1997. Extraordinary accounts items show large differences between 1997 and 1998, the conference income from the XIV ICSMGE in Hamburg boosting receipts by GBP16762, which with Corporate Member subscriptions and sales gave total receipts of GBP20284 in 1997 compared to GBP1448 in 1998. The Corporate Member subscriptions of GBP1194 in 1998 were low, partly because dues notices were sent out late. Conference support expenditure of GBP7506 in 1997 (YGECs and GeoEng 2000) was much higher than the YGEC contribution of GBP2000 in 1998. The expenditure for ISSMGE News in 1997 of GBP10011, which included some late payments for 1996, was slightly higher than the combined cost of the News and Website of GBP9639 for 1998. The expenditure of GBP4546 for the 1997 List of Members also appears in the 1998 accounts giving an overall expenditure of GBP16310 in 1998, slightly less than the amount of GBP18439 in 1997.

Comparing the 1998 accounts with budget figures approved by the 1997 Council Meeting it can be seen in the attached tabulation that the Member Society subscriptions of GBP80467 were higher than GBP76000 in the budget and emoluments and other Secretariat costs of GBP51723 were below the budget figure of GBP54000. The travel expenditure of GBP12005 was substantially less than the budget figure of GBP27750, giving an overall expenditure under Ordinary items of GBP63728, substantially less than the GBP81750 in the budget.

Under Extraordinary items receipts from Corporate Member

COMPARISON OF 1997 AND 1998 ACCOUNTS

ITEM	1997 (GBP) (1 GBP = 2.4 CHF)	1998 (GBP) (1 GBP = 2.285 CHF)
ORDINARY ITEMS		
RECEIPTS		
Member Society Subscriptions	64867	80467
Interest (less Corporation Tax)	8585	8482
	73452	88949
EXPENDITURE		
Emoluments and Staff Costs	45404	46135
Office Costs and Equipment	1574	892
Photocopying and Printing	1819	377
Telephone and Fax	1414	1438
Postage	2002	689
Stationery	2090	692
Audit Fees/Bank Charges	1280	1500
Travel (less refunds)	16371	12005
	71954	63728
EXTRAORDINARY ITEMS		
RECEIPTS		
Corporate Member Subscriptions	3039	1194
Conference Income	16762	--
Royalties: Proceedings/Reports	--	--
Sales of Slides and Publications	483	254
	20284	1448
EXPENDITURE		
Conference Support	7506	2000
Proceedings and Reports	--	--
Model Library	--	--
Other Initiatives	--	--
Slides	48	125
Kevin Nash Gold Medal	847	--
List of Members	--	4546
ISSMGE News	10011	7456
Website	--	2183
	18439	16310

1998 COMPARISON OF ACCOUNTS AND BUDGET


ITEM	ACTUAL (GBP) (1 GBP = 2.29 CHF)	BUDGET
ORDINARY ITEMS		
RECEIPTS		
Member Society Subscriptions	80467	76000
Interest (less Corporation Tax)	8482	8000
	88949	84000
EXPENDITURE		
Emoluments and Secretariat Costs	51723	54000
Travel	12005	27750
	63728	81750
EXTRAORDINARY ITEMS		
RECEIPTS		
Corporate Member Subscriptions	1194	6000
Conference Income	--	8000
Sales/Refunds	254	--
	1448	14000
EXPENDITURE		
Conference Support	2000	4000
Model Library	--	4000
List of Members	4546	--
ISSMGE News	7456	9000
Website	2183	--
Slides	125	--
Other Initiatives	--	10000
	16310	27000

International Society for Soil Mechanics and Geotechnical Engineering

Receipts and payments account for the year ended 31 December 1997

	Credit Suisse SFr	Barclays Bank £	Investment Accounts £	University of Cambridge £
Cash balance at 1 January 1997	292,143	53,168	154,267	(741)
Add: Receipts				
Member Society subscriptions	150,640	2,135	-	-
Corporate Member subscriptions	-	3,126	-	-
Conference income	-	16,777	-	-
Publication sales	-	189	-	-
Slide sales	-	294	-	-
Interest received	-	2,354	8,734	-
	<u>442,783</u>	<u>78,043</u>	<u>163,001</u>	<u>(741)</u>
Less: Payments				
Emoluments and staff costs	-	30,224	-	15,180
Travel and entertainment	-	16,327	-	-
Photocopying	-	-	-	1,819
Telephone, fax and homepage	-	1,414	-	-
Postage	-	8	-	1,994
Stationery	-	1,311	-	780
Newsletter	-	9,999	-	-
Audit fees	-	1,058	-	-
Bank charges	463	264	-	-
Corporation tax	-	2,503	-	-
Conference support	-	7,464	-	-
Slides	-	-	-	48
Office equipment	-	1,087	-	487
Kevin Nash Gold Medal	-	874	-	-
	<u>463</u>	<u>72,533</u>	<u>-</u>	<u>20,308</u>
Add: Transfers from other accounts	-	87,954	-	15,000
Less: Transfers to other accounts	210,000	15,000	-	-
Cash balance at 31 December 1997	<u>232,320</u>	<u>78,464</u>	<u>163,001</u>	<u>(6,049)</u>
(Decrease)/Increase in cash balance	<u>(59,823)</u>	<u>25,296</u>	<u>8,734</u>	<u>(5,308)</u>

Information: At 31 December 1997 - £1 = SFr2.3999


Secretary General

8/4/98
Date

International Society for Soil Mechanics and Geotechnical Engineering

Receipts and payments account for the year ended 31 December 1998

	Credit Suisse SFr	Barclays Bank £	Investment Accounts £	University of Cambridge £
Cash balance at 1 January 1998	232,320	78,464	163,001	(6,049)
Add: Receipts				
Member Society subscriptions	175,170	3,806	-	-
Corporate Member subscriptions	-	1,194	-	-
Conference income	-	-	-	-
Publication sales and slide sales	-	254	-	-
Corporation tax refund	-	5	-	-
Interest received	-	2,384	8,513	-
	<u>407,490</u>	<u>86,107</u>	<u>171,514</u>	<u>(6,049)</u>
Less: Payments				
Emoluments and staff costs	-	30,080	-	16,055
Travel and entertainment	-	11,950	-	55
Photocopying	-	-	-	377
Telephone, fax and homepage	-	1,438	-	-
Postage	-	-	-	689
Stationery	-	498	-	194
Website	-	2,183	-	-
Newsletter	-	7,456	-	-
Audit fees	-	1,093	-	-
Bank charges	501	188	-	-
Corporation tax	-	2,415	-	-
Conference support	-	2,000	-	-
Slides	-	-	-	125
Office equipment	-	397	-	495
Kevin Nash Gold Medal	-	-	-	-
List of members	-	4,546	-	-
	<u>501</u>	<u>64,244</u>	<u>-</u>	<u>17,990</u>
Add: Transfers from other accounts	-	196,511	170,000	25,000
Less: Transfers to other accounts	(290,000)	(195,000)	(80,000)	-
Cash balance at 31 December 1998	<u>116,989</u>	<u>23,374</u>	<u>261,514</u>	<u>961</u>
(Decrease)/Increase in cash balance	<u>(115,331)</u>	<u>(55,090)</u>	<u>98,513</u>	<u>7,010</u>

Information: At 31 December 1998 - £1 = SFr 2.285

Secretary General



Date

28/4/99

subscriptions were GBP1194 compared with a budget figure of GBP6000, and there was no Conference Income, with the result that actual receipts of GBP1448 fell far short of the budgeted GBP14000. On the other hand there was no expenditure in 1998 on Model Library or other initiatives, for which GBP4000 and GBP10000 were allowed for the budget. Thus, despite an expenditure of GBP4546 on List of Members, for which there was nothing in the budget, the actual overall expenditure one extra ordinary item of GBP16310 was substantially less than GBP27000 as budgeted.

APPENDIX 14 – BUDGET 1999-2002

Report by Professor R J Mair

Notes on Issmge Budget for 1999-2002

1. General

Attached are the following tables:

- ISSMGE Ordinary Budget for 1999-2002
- ISSMGE Extraordinary Budget for 1999-2002
- ISSMGE Cash Balance Forecast for 1999-2002

These tables differ to some extent from those circulated with the Agenda and Papers for the Council Meeting at Amsterdam in June 1999. The Extraordinary Budget and the Cash Balance Forecast have been amended following discussion and approval of changes at the Board Meeting in Paris in March 1999.

All the figures are given in GB Pounds, based on the assumption of the exchange rate 1 GBP = 2.24 CHF. This is the rate at 15th December 1998. 1 GBP has ranged from 1.87 to 2.4 CHF in recent years. It should be appreciated that the finances of the Society significantly depend on this exchange rate, principally because the Income (ie Member Society subscriptions) is in Swiss Francs whereas the Expenditure is largely in GB Pounds.

2. Ordinary Budget

Member Society Subscriptions (Item 1 of Receipts) have been budgeted for the years 1999, 2000 and 2001 at GBP 72,000. This is based on the current exchange rate. A 12.5% increase in subscriptions has been budgeted for the year 2002. The last increase in subscription rates was in 1991.

Interest (Item 2 of Receipts) will increase significantly compared with previous years, now that funds from the Society's Swiss Bank account have been transferred to a high interest account in the UK. The budgeted figure of GBP 12,000 per year for 2000, 2001 and 2002 compares with interest earned of about GBP 8,000 per year in previous years. The figure of GBP 17,000 interest for 1999 includes about GBP 5,000 which will be paid in 1999 in respect of funds put on deposit in 1998.

Emoluments and Staff Costs (Item 1 of Expenditure) have been budgeted at a higher figure in 1999 than in subsequent years. This reflects the additional costs associated with the transition of Secretary-General from Dr Parry to Professor Taylor in the course of 1999. (Dr Parry will continue until the end of the Council Meeting in Amsterdam in June 1999; Professor Taylor has already commenced some of his duties.) The cost of the transition, including the expenses of the office transfer (see Item 11 of Expenditure) is estimated to be about GBP 11,000. This comprises additional emoluments of GBP 6,000 (included in Item 1 of the Expenditure for 1999) plus GBP 5,000 for costs of the office transfer. After 1999, the total of Emoluments and Staff Costs and Office Rental (Item 2 of Expenditure) amounts to GBP 45,000 in the year 2000, increasing by a small amount in the subsequent years. This figure compares with the Emoluments and Staff Costs for 1998 of about GBP 46,000; no office rental is charged by Cambridge University for Dr Parry's office.

Item 10 of Expenditure is a new item of GBP 8000 per year

(GBP 9000 in 1999) for Website Maintenance. The setting up and maintenance of an active website is a new and important initiative for the ISSMGE. It is intended that the website will gradually replace the Newsletter over the next few years.

3. Extraordinary Budget

A higher figure (GBP 9,000) has been shown for Corporate Member Subscriptions (Item 1 of Receipts) for 1999. This is because some 1998 subscriptions will in fact be paid in 1999. Also six of the Corporate Members paid for 5 years in 1994 and will be due to make new payments in 1999. The budget figures for the years 2000, 2001 and 2002 remain based on the current Corporate Membership – this may well change with new arrangements under consideration.

The budget figures for the SGI Line (Item 1 of Expenditure) reflect the agreed charges of US\$ 13,500 for 1999, \$10,000 for 2000 and \$6,000 for each subsequent year.

Under Conference Support (Item 2 of Expenditure), GBP 16,500 has been allowed for the year 2000, comprising support for YGEC 2000. This is made up of GBP 9,000 promised to the Organising Committee, and a further GBP 7,500 which has been discussed by the Board as a possible contribution to delegate fares.

In view of the setting up of the new Website, which will be active and informative to ISSMGE members, the budget shows a diminishing expenditure on the Newsletter (Item 3 of Expenditure). It has been assumed that the full expenditure will be committed to the Newsletter in 1999, and then reducing steadily to zero expenditure in 2002 as the Website eventually fully replaces the Newsletter.

Item 4 of the Expenditure allows for GBP 3600 to cover costs of producing the Francophone bulletin and La Lettre de la Geo-technique in the year 1999. In addition, a late payment of GBP 2500 for the same item for the year 1998 has been included, thereby totalling GBP 6100. The cost of GBP 3600 reduces in subsequent years as these publications, in common with the Newsletter, transfer to the Website.

Item 5 of the Expenditure allows for GBP 1500 in the year 2001 for the proposed ISSMGE Young Members Awards. It is intended that these will be based on the best 3 papers submitted to the ICSMGE by ISSMGE members less than 36 years of age in the year preceding an ICSMGE.

Item 8 of the Expenditure (Other Initiatives) allows for GB 2000 per year for the Francophone Model Library.

4. Cash Balance Forecast

The budget figures lead to substantial deficits over the next 4 years, reducing the Society's cash balance from GBP 339,200 in 1997 to GBP 217,700 in 2002. This is believed to be acceptable and to reflect Council's wish to make good use of the Society's accumulated assets by supporting new initiatives (eg Heritage Museums, Model Library, Touring Lecture Course, Slides, Videos, CD Roms, support of YGEC, Young Members Awards).

It should be appreciated, nevertheless, that it will probably be necessary to achieve less of a deficit in the years following 2002 to avoid a continuing reduction of the Society's assets.

APPENDIX 15 – GUIDELINES FOR REDUCTIONS IN REGISTRATION FEE FOR ISSMGE SPONSORED CONFERENCES

Background

The Board of the ISSMGE suggests that organisers of conferences conducted under the aegis of the ISSMGE are urged to make efforts to offer reduced registration fees to encourage participation by young professionals and by those from countries with low GDPs, in accordance with the guidelines as detailed

below. It should be noted that these guidelines are not mandatory, but nevertheless it is hoped that conference organisers will find them useful.

GUIDANCE ON REDUCED REGISTRATION FEES

1. Objective

The ISSMGE wishes to encourage wider participation at international conferences by those from developing countries (i.e. those with a low GDP per head of population), and by young professionals, particularly those still undertaking research degrees. In order to achieve this, it is proposed that potential organisers of such conferences undertake to follow the principles

outlined below. This applies to organisers of ISSMGE sponsored conferences, and particularly to organisers of the main regional and international conferences of the ISSMGE.

2. Reduced Registration Fees

Three forms of reduced registration fees are proposed in order to encourage wider participation by those with limited financial resources:

1. Group registration fees, whereby up to 4 participants share a single registration fee, apart from supplementary payment to cover actual costs. A single copy of the conference proceedings (and other associated material) would be provided to one member of the group (paying the full registration fee),

ISSMGE ORDINARY BUDGET (GB POUNDS) 1999 – 2002

	RECEIPTS	1999	2000	2001	2002
1	Member Society Subscriptions	72000	72000	72000	81000
2	Interest	17000	12000	12000	12000
	Total	89000	84000	84000	93000
	EXPENDITURE				
1	Emoluments and Staff Costs	48000	40000	41500	43000
2	Office Rental	3000	5000	5000	5000
3	Travel and Entertainment	27500	27500	27500	27500
4	Photocopying	2000	1400	2000	1500
5	Telephone and Fax	1500	1500	1600	1600
6	Postage	2000	1600	2000	1600
7	Stationery	2200	1500	2200	1600
8	Audit Fees and Bank Charges	1500	1600	1700	1800
9	Corporation Tax	2000	4000	2800	2800
10	Website Maintenance	9000	8000	8000	8000
11	Office Transfer	5000	-	-	-
12	Office Equipment	-	1000	1000	1000
	Total	103700	93100	95300	95400
	SURPLUS (DEFICIT)	(14700)	(9100)	(11300)	(2400)

ISSMGE EXTRAORDINARY BUDGET (GB POUNDS) 1999 - 2002

	RECEIPTS	1999	2000	2001	2002
1	Corporate Member Subscriptions	9000	5000	6000	6000
2	Conference Income	2700	-	25000	4000
3	Sales – Publications, Audio-Visual material	400	500	500	500
	Total	12100	5500	31500	10500
	EXPENDITURE				
1	SGH Line	8400	6200	3800	3800
2	Conference Support	2000	16500	6000	6000
3	Newsletter	10000	5000	2500	-
4	Francophone bulletins	6100	1800	1000	-
5	Young Members Awards	-	-	1500	-
6	List of Members	-	-	6000	-
7	Heritage Museums	1500	1500	2000	2000
8	Other Initiatives (eg Model Library, Touring Lecture Course, Slides, Videos, CD Roms)	8000	14000	14000	14000
	Total	36000	45000	36800	25800
	SURPLUS (DEFICIT)	(23900)	(39500)	(5300)	(15300)

ISSMGE ORDINARY AND EXTRAORDINARY BUDGET –CASH BALANCE FORECAST (GB POUNDS) 1999 - 2002

	1998	1999	2000	2001	2002
Overall Surplus (Deficit)	100	(38600)	(48600)	(16600)	(17700)
Cash Balance (assuming 1GBP = 2.24 CHF)	339,200	300,600	252,000	235,400	217,700

and the additional members of the group would pay a significantly reduced fee (in the region of 25 % of the full fee) to cover raw per capita costs such as tea and coffee breaks, or lunches where these are an integral part of the conference programme. It is envisaged that group registrants would not comprise more than 10 % of the total number of participants, and would generally be restricted to those from developing countries.

2. Student registration fees (partially subsidised by the remaining participants or additional sponsorship). The aim would be to set such fees in the region of 50 % of the full fee, and to include a set of the proceedings and associated material, and full access to social events that are an integral part of the conference (such as welcome receptions, tea and coffee breaks etc, but not necessarily the conference dinner). Such reduced fees would generally only be offered to full-time students.
3. A number of free registrations (up to 3 % of the total number of participants, fully subsidised by the remaining participants or additional sponsorship), for individuals from poorer countries who are disadvantaged financially, and have a particular case for attending the conference (such as current or recently completed doctoral research, or a design application, in the area covered by the conference). Consideration of the financial grounds for a free registration should take account of the GDP per head of population of the country, in addition to the particular circumstances of the individual.

APPENDIX 16 – APPRECIATION FOR THE OUTGOING SECRETARY GENERAL, DR R H G PARRY

Farewell message to Dr R H G Parry by the President, Professor Kenji Ishihara

Before this meeting of Council is closed, there is one further very important matter that I must address. This is the last meeting of Council at which Dr Parry serves as Secretary-General, and I would like to pay tribute to the enormous contribution he has made to our Society.

Dr Parry became Secretary-General of our Society in 1981, when Professor Victor de Mello was the President, following the untimely death of Professor Kevin Nash shortly before the International Conference in Stockholm. Over the past 18 years he has been instrumental in ensuring that our Society has grown considerably in stature and influence. From 1981 until now the number of Member Societies has grown to 71 and the number of individual members has increased to over 16,000.

One of the key roles of the Secretary-General is to advise and serve the President of our Society. Dr Parry has been outstanding in this role. He has served a total of 5 Presidents: Victor de Mello, Bengt Broms, Nordie Morgenstern, Mike Jamiolkowski and myself. I know that I speak on behalf of all these Past-Presidents when I say that we all have relied very heavily on Dick Parry for his wise and invaluable advice on many different aspects of our Society's business.

Dick Parry has consistently exhibited a passionate commitment to maintaining the essential international character of the ISSMGE. His calm and patient character, combined with considerable charm and superb diplomatic skills, has played a major role in enhancing the status of our Society. He has been particularly successful in encouraging geotechnical engineers from developing countries to join in the Society's activities and promoting their needs and interests.

Dr Parry is an academic engineer of eminence with considerable experience as a practising engineer. He was in industry in his early career, where he was responsible for geotechnical consulting and contracting project throughout Australia and other countries in the region. He then went to Cambridge University, where he became a distinguished teacher and researcher on many aspects of geotechnics.

It is this very broad experience of geotechnical engineering, both at the academic research level and as a practising engineer, that has made Dick Parry such a wise and invaluable Secretary-General of our Society. He is equally able to converse with university researchers as with practising engineers, and he has travelled to numerous countries where he has lectured on many topics, including in recent times subjects as diverse as the mysteries of the construction of the Pyramids in Egypt.

Our Society owes Dr Parry a great debt for everything he has done over the past 18 years to steer it on a straight course, overseeing a considerable expansion of its activities. He has been an outstanding Secretary-General and I would like to express both my and our sincere appreciation to you, Dr Parry, for all that you have done for our Society.

Mrs Amy Cobb

This is also the last Council meeting attended by Mrs Amy Cobb, secretary to Dr Parry. I would also like to express the Society's great appreciation to Mrs Cobb for all her hard work in running the Society's affairs so efficiently and with such humour. She has been an invaluable support to Dr Parry for the last 15 years and we are very grateful to her for everything she has done to ensure an excellent and smooth operation of the Secretary-General's office.