International Society for Soil Mechanics and Geotechnical Engineering

If the quality of the distributed file is not satisfactory for you, please access ISSMGE website and download a better one.

www.issmge.org

INSIDE THIS ISSUE

- 1 R Frank President Message
- 4 Report ICSMGE Paris
- 9 Report on iYGEC
- 12 Nash Medal
- 14 Foundation Report
- 42 DVD for the Special Issue
- 44 Hungarian Society Books
- 46 Transportation Journal

NEWS ON RECENT CONFERENCES

- 47 5th KGS-JGS
- 48 Geosynthetic Belogna
- 52 Chinese Taipei
- 59 Auckland
- 61 ISAFE Singapore

UPCOMING CONFERENCES

66 Offshore Geotech ISFOG

67 Poppi Course

OTHERS

- 68 Briaud Book
- 69 Event Diary
- **76 Corporate Associates**
- 80 Foundation Donors
- 82 ISSMGE's International Journal of Geoengineering Case Histories

TECHNICAL ARTICLE

85 Izu-Oshima Disaster

EDITORIAL BOARD

Roger Frank
Ikuo Towhata
Neil Taylor
Pongsakorn Punrattanasin
Deepankar Choudhury
Imen Said
Erdin Ibraim
Cholachat Rujikiatkamjorn
Susumu Nakajima
Marcelo Gonzalez

MESSAGE FROM THE NEW ISSMGE PRESIDENT

Prof. Dr.-Ing. Roger Frank

Dear Members of ISSMGE, Dear Colleagues,

It is a great honour and privilege for me to have been elected by the Member Societies of ISSMGE as your President for the 4-year term from 2013 to 2017. The election took place during the Council meeting, just before the opening of the 18th International Conference on Soils Mechanics and Geotechnical Engineering (18 ICSMGE) in Paris, 2-6 September 2013.

Before updating you with the various matters which might be of



interest to you, I would like to acknowledge the great work and achievements of my two predecessors, President Pedro Sêco e Pinto and President Jean-Louis Briaud. I was a member of the Board during their two mandates and it was a real pleasure to work under their leadership, with the efficient assistance of our Secretary General Neil Taylor. My deep gratitude also goes to many officers of ISSMGE and to all of you who made ISSMGE what it is. Now, I am "in charge"... I feel that it is truly a great challenge for which I shall devote all my possible energy and enthusiasm.

I have chosen to express my news, comments and ideas in these columns of our ISSMGE Bulletin because I feel that is the natural channel for communication between us. It will be my main channel of communication during my mandate.

As the new President, I have to comment first on the 18 ICSMGE, held in Paris, trying to be the judge and no more the party! Some 2000 scientists from 100 countries participated in the event (1875 colleagues, exactly, were registered for the scientific sessions - see report by the French Society CFMS in this issue of ISSMGE Bulletin). For many of the participants, I understood that the Paris Conference was a real success. This is the best reward for the French Society (CFMS) which worked very hard for the event during the past 4 years. One of the

Message from the new ISSMGE President (CONTINUED)

main lessons to be drawn concerns the mobilisation created inside ISSMGE itself, through its Technical Committees (TCs) and their Officers. Indeed, not only were the TCs involved with selecting 7 honour lecturers for the plenary sessions (following the wish of Jean-Louis), but also were in charge of organising the scientific content of all the parallel sessions (discussion sessions, poster sessions and workshops). This resulted in a very high scientific level for all the sessions, which was recognised by many of the participants. I wish to thank here all the contributors, in the plenary sessions and in the parallel sessions, for the quality of their presentations and for the dedication they showed to ISSMGE. I shall certainly examine, as soon as possible, with the Board and with the organisers of the 19th ICSMGE in Seoul (2017) if we can, and how we can repeat this successful involvement of ISSMGE TCs.

The 5th International Young Geotechnical Engineers' Conference (iYGEC 2013) held just before the 18 ICSMGE was also a great success. It brought together 164 participants from 57 countries - see report by Yu-Jun Cui, Chair of the iYGEC OC in this issue of ISSMGE Bulletin.

Let me introduce to you the new ISSMGE Board and its 12 members; see:

http://www.issmge.org/en/the-society/the-board/home

Apart from the President, the immediate Past President (Jean-Louis Briaud) and the Secretary General (Neil Taylor), the six Vice-Presidents of ISSMGE now sitting on the Board are: Fatma Baligh (for Africa), Ikuo Towhata (for Asia), Mark Jaksa (for Australasia), Antonio Gens (for Europe), Paul Mayne (for North America) and Jarbas Milititsky (for South America), as well as three members appointed by me after consultation (following the ISSMGE statutes): Marc Ballouz (Lebanon), Etienne Marcelin Kana (Cameroon) and Nicoleta Rădulescu (Romania). Note that, if I am correct, it is the fist time that we have two ladies sitting on ISSMGE Board.

The Board will hold its first in-person meeting in London on 18-19 March 2014, at the invitation of Geotechnical Consulting Group and the British Geotechnical Association. This will allow us to participate in the Rankine Lecture at Imperial College, to be delivered by Professor Guy Houlsby from Oxford University. We are also invited to the Pre-Rankine Seminar held at Imperial College, dedicated this year to Professor Nicholas Ambraseys, who passed away in December 2012. It is intended that the main discussion topics and decisions taken by the Board will be posted on the ISSMGE website by our Secretary General.

The Board has maintained most of the working structure of ISSMGE established by Jean-Louis Briaud. Six of the previous Board Level Committees (BLCs) have been retained and the Chairs have already been nominated by the Board. See: http://www.issmge.org/en/the-society/working-structure-issmge:

- Awards Committee (AWAC), Chair: Charles Ng (Hong Kong)
- Corporate Associates Presidential Group (CAPG), Chair: Sukumar Pathmanandavel (Australia)
- Innovation and Development Committee (IDC), Chair: Dimitrios Zekkos (USA)
- Public Relations Committee (PRC), Chair: Sherif Wissa (Egypt)
- Students and Young Members Presidential Group (SYMPG), Chair: Jennifer Nicks (USA)
- Technical Oversight Committee (TOC), Chair: Pierre Delage (France).

The BLCs have resumed their work and are, presently, in the process of updating their membership and reviewing their terms of reference.

It has been agreed that all the six ISSMGE Vice-Presidents will sit on the TOC, in order to facilitate, in particular, the communication and coordination with the TCs (current and planned) hosted by the Member Societies in their respective Region. The VPs have each nominated a colleague from their Region to assist them on the Committee.

Message from the new ISSMGE President (CONTINUED)

Visit to the Victor de Mello library space

Very recently, I had the chance to visit the space of the library of the Polytechnic School of the University of São Paulo (Brazil) devoted to Victor de Mello, President of ISSMGE 1981-1985 (see: http://www.issmge.org/en/announcements-en/314-past-president-victor-de-mello-passes-away). This space gathers all the books, documents and journals belonging to Victor de Mello. According to our colleague, Waldemar Hachich, Vice-President for South America 2005-2009, the Victor de Mello space includes:

- about 1500 titles of books and conference proceedings (over 2000 volumes);
- about 200 collections of journals and magazines, the most important of them being complete from the fifties till 2003 (the Polytechnic School has ensured the continuity of most of the collections to the present day);
- hundreds of files of projects on which Victor worked for about five decades.

My visit to the Victor de Mello space with our colleagues from São Paulo, Waldemar Hachich and Werner Bilfinger (see photo), gave me a feeling of deep recognition of Victor. While I was going through some of his hand-written pencil notes (Victor would annotate most of his books and journals!), it came back to my mind the wonderful moments one would spend in his company. His extremely wide culture, his deep expertise on nearly all topics of geotechnical engineering, his kindness, modesty, permanent concerns about the younger ones and his friendship impressed me each time I had the chance to meet him or visit him.

Bye bye for now! I will soon be back in contact with you in these columns. In the meantime, do not hesitate to write to any one of us, the Board members or the BLCs' Chairs, if you wish to clarify something or if you wish to raise a question about ISSMGE and its governance!

Roger Frank Paris, 20 November 2013



2 October 2013. Waldemar Hachich, Roger Frank and Werner Bilfinger (from left to right) visiting the Victor de Mello library space in the Polytechnic School of the University of São Paulo

The 18th INTERNATIONAL CONFERENCE ON SOIL MECHNICS AND GEOTECHNICAL ENGINEERING (18 ICSMGE)

Paris, 2-6 September 2013

Philippe Mestat, IFSTTAR, President of the CFMS, Chairman of the 18th ICSMGE Jacques ROBERT, ARCADIS, Vice President of CFMS

The 18th International Conference on Soil Mechanics and Geotechnical Engineering (18 ICSMGE), which took place from 2 to 6 September 2013 at the Palais des Congrès of Paris (France) and was organized by the French Society for Soil Mechanics and Geotechnical Engineering (CFMS), was a very successful event. It was preceded by the 5th International Young Geotechnical Engineers' Conference (iYGEC 2013) held on the 31st of August and 1st of September at the Ecole des Ponts at Marne-la-Vallée (which brought together 164 participants from 57 countries - see report by Yu-Jun Cui, Chair of the iYGEC OC in this issue of ISSMGE Bulletin).

On Sunday 1st of September, the 80 Member Societies attending or being represented elected the new President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for four years: Professor Roger Frank (Ecole des Ponts, France) was elected, and he thus succeeds Professor Jean-Louis Briaud (Texas A&M University, Texas, USA). Of course, the CFMS, which had nominated him, congratulates him and will support him in his work throughout the four years. At the same meeting, the host city of the next International Conference in 2017 was decided: it is Seoul (South Korea).

The participation in the 18th ICCSMGE was a success: there were 2081 participants in total, 179 accompanying persons and 87 exhibitors, including four partners, one Platinum sponsor and 15 Gold sponsors. In particular, 1875 participants were registered for the scientific sessions. A big thank to all of them, as they made the Conference possible. The 12 plenary sessions on Monday and Tuesday brought together up to 1650 participants. The important implication of the Technical Committees (TCs) of the ISSMGE created a strong mobilisation in the 55 parallel sessions held on Wednesday and Thursday consisting of 28 discussion sessions, 19 workshops and 8 special sessions (there were on average 800 participants during each of the seven time slots).

The four volumes of the Proceedings of the 18th ICSMGE (3486 pages, plus the table of contents and the index of authors) contain the Terzaghi Oration, the Honour Lectures, and the Special Lectures, followed by the written contributions presented according to the relevant TC and introduced by the TC General Reports. More than half of the 772 written contributions were presented orally during the discussion sessions (173) or during the poster sessions (230). The proceedings will soon be available online, free of charge, through the website of the CFMS (www.geotechnique.org) and the website of the ISSMGE (www.issmge.org). Many pictures taken during the sessions and breaks are already available on the Conference website (www.issmge2013.org).

The 7 technical visits on Friday brought together about 133 participants. The Francophone event, which took place at the Conservatoire National des Arts et Métiers (CNAM) on Friday afternoon, gathered 64 participants on "Francophone Geotechnics: education and sharing of knowledge".

From the financial point of view, the high participation in Paris 2013 should allow benefits which the CFMS will spend to promote geotechnical engineering and geotechnical engineers in countries which need financial support.

The Geotechnical Exhibition "Underneath ground", organised inside the museum of CNAM and which opened 2 months before the Conference, will go on for some 5 years more. It is a great success with many young visitors: it aims at attracting young talents towards the ground engineering professions in our country (and in other countries too!). A virtual visit of the Geotechnical Exhibition will be uploaded soon.

The 18th INTERNATIONAL CONFERENCE ON SOIL MECHNICS AND GEOTECHNICAL ENGINEERING (18 ICSMGE) (CONTINUED)



Opening session of Paris 2013 Conference in the great amphitheatre of the Palais des Congrès of Paris



Jean-Louis Briaud, President of ISSMGE (2009-2013)

The 18th INTERNATIONAL CONFERENCE ON SOIL MECHNICS AND GEOTECHNICAL ENGINEERING (18 ICSMGE) (CONTINUED)



View of the exhibition hall



Philippe Mestat, IFSTTAR, President of the CFMS, Chairman of the 18th ICSMGE, Paris 2013

The 18th INTERNATIONAL CONFERENCE ON SOIL MECHNICS AND GEOTECHNICAL ENGINEERING (18 ICSMGE) (CONTINUED)



Parallel Session in Room Maillot



Poster presentation in the corridors leading to the parallel sessions

The 18th INTERNATIONAL CONFERENCE ON SOIL MECHNICS AND GEOTECHNICAL ENGINEERING (18 ICSMGE) (CONTINUED)



Gala dinner at the Pavillon Dauphine

From the Editor of ISSMGE BULLETIN

During the ICSMGE in Paris, the editing team of the Bulletin got together in a one-star restaurant in the heart of Paris and enjoyed the authentic French cuisine. This gathering was planned by the Editor-in-Chief in order to appreciate the enthusiastic contribution of the team members. The photograph below right was taken after this gathering. If you are interested in what happened after this photograph, please ask one of the editing team members.







After the dinner