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International Society for Soil Mechanics and Geotechnical Engineering

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Message to ISSMGE Members from Prof. *Askar Zhussupbekov*, The Vice President of ISSMGE for Asia

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I received a letter of invitation from our editor, Appointed Board member of ISSMGE, Professor Ikuo Towhata, to write an article for inclusion in this current issue of ISSMGE bulletin, regarding 14ARC and the recent developments of Asian member societies. I am delighted to accept the invitation letter and it is a great honor and privilege for me to address my message as Vice President of ISSMGE to all members of the International Society for Soil Mechanics and Geotechnical Engineering. The Asian Region of ISSMGE is composed of 23 member geotechnical societies. I am glad to welcome Lebanon to become a new member society in the coming month. Among almost 30 technical committees of ISSMGE, several member societies in the Asian Region are hosting the following six very important technical committees :

TC 103: Numerical Methods in Geomechanics, hosted by HKGS, Chair K.T. Chan;
TC 210: Dams and Embankments, CISMGE, Chair Xu Zeping;
TC 302: Forensic Geotechnical Engineering, hosted by IGS, Chair V.V.S. Rao;
TC 303: Coastal and River Disaster Mitigation and Rehabilitation, JGS, Chair Susumu Iai;
TC 304: Engineering Practice of Risk Assessment and Management hosted by GSS, Chair K.K. Poon;
TC 307: Dealing with Sea Level Changes and Subsidence: SEAGS, Chair is Tham-Soon Tan.

Message to ISSMGE Members (continued)

Professor A. Zhussupbekov

There are also Asian Technical Committees relating to different topics Asian Technical committees are including several topics such as

- ATC 3 Geotechnology for Natural Hazards, hosted by JGS and Chaired by Prof. Ikuo Towhata, University of Tokyo;
- ATC 7 Thick-Deltaic Deposits, hosted by KGS and Chaired by Prof. Nam – Jae Yoo, Konwoon National University;
- ATC 10 Urban Geoinformatics, hosted by JGS and Chaired by Prof. Mamoru Mimura, Kyoto University;
- ATC 15 Geotechnical Engineering of Collapsible Soils, hosted by KGS and Chaired by Prof. Askar Zhussupbekov, Eurasian National University;
- ATC 18 Mega Foundations, hosted by KGS and Chaired by Prof. Myoung –Mo Kim, Seoul National University;
- ATC 8 Ground Water Environment and Quality Management, hosted by JGS and Chaired by Prof. Makoto Nishigaki, Okayama University;
- ATC 19 Geoengineering for Conservation of Heritage Monuments and Historical Sites, hosted by JGS and Chaired by Prof. Yoshinori Iwasaki, Geo-Research Institute.

ATC19 is the latest on the list. It was established in 2010, but now this very important technical committee has 68 active members – geotechnical engineers all over the world. Prof. Iwasaki has been working for more than 15 years in studying the characteristics of geotechnical and masonry structures in Angkor, the ancient capital of Cambodia (see Photos 1 and 2). Since then, he has extended his activities to other areas in Asian Region including Iran, India, China, Kazakhstan, Uzbekistan, Egypt, Indonesia, Russia and Afghanistan. These activities have allowed him to organize ATC 19 involving many well know scientists and experts of historical architectures and cultural heritage monuments. The secretary of ATC 19 is the talented Prof. Mamoru Mimura who has been working in the study of geotechnical problems of conservation of historical sites mainly in Japan.

Photo 1. North Library at Bayon, Angkor Thom.

Message to ISSMGE Members (continued)

Professor A. Zhussupbekov

Photo 2. Elephant Terrace, Royal Plaza, Angkor Thom.

Asian geotechnical societies have organized several interesting and important international geotechnical events; in particular : 6th International Conference on Environmental Geotechnics, 2010, Nov. 8-12, New Delhi, India with 328 participants. Prior to the conference was ISSMGE Board meeting (see Photo 3) on 7th November 2010; 4th International Conference on Geotechnical Engineering and Soil Mechanics, 31 October –3 November 2010, Tehran, Iran (Photo 4) ; 4th Japan- China Geotechnical symposium, Okinawa, Japan, 2010 (Photo 5); Kazakhstan Geotechnical Society(KGS) - Korean Geotechnical Society (KGS) joint geotechnical seminar (Photo 6), which was related with TC 305 on Geotechnical Infrastructure for Megacities and New Capitals, Astana, Kazakhstan (21-22 July, 2010) and others conferences in different parts of Asian region. I want also inform that Diponegoro University (Indonesia) under auspices of Indonesian Society for Geotechnical Engineering (Prof. Wardani, Photo 7) and ISSMGE organized excellent an one-day International Symposium on Recent Advances in Geotechnical Engineering (to mark the 40 years contributions of Prof. Hideki Ohta, Photos 8 and 9) and the Third International Conference in Geotechnical Engineering for Disaster Mitigation and Rehabilitation (17-20th, May, 2011 combined with the Fifth International Conference on Geotechnical Engineering with Theme “Geotechnical and Highway Engineering Practical Applications; Challenges and Opportunities in the Future”. The Organizing Committee of these three international events invited 14 Keynote speakers, including representatives (Photo 10) of ISSMGE and ISSMGE Board (Prof. Jean-Louis Briaud, Prof. Askar Zhussupbekov, Prof. Buddhima Indraratna, Prof. Chu Jian, Prof. Dennes Bergado, Prof. Pedro Seco-e-Pinto, Prof. Michael Davies, Prof. Ikuo Towhata, Prof. Robert Lo, Prof. Susumu Iai, and Prof. Hideki Ohta) and also senior persons of the Ministry of Public Works of the Republic of Indonesia (Dr. Djoko Kirmanto, Dr. Hermanto Dardak, and Mr. Djoko Murjanto) . Dr. Djoko Kirmanto (Photos 11 and 12), who is the Minister of Public Works of the Republic of Indonesia, delivered an excellent lecture about Geotechnical Issues for Disaster Mitigation and Rehabilitation in Indonesia. Chair of the Organizing Committee, 3ICGEDMAR, 5ICGHE and International Symposium was very active Prof. Sri Prabandiyani Retno Wardani.

Message to ISSMGE Members (continued)
Professor A. Zhussupbekov

Photo 3. ISSMGE Board in Delhi (6th International Conference on Environmental Geotechnics, New Delhi, India), 7 November, 2010.

Photo 4. 4th International Conference on Geotechnical Engineering and Soil Mechanics, 2010, Tehran, Iran.

Photo 5. 4th Japan-China joint geotechnical symposium, Okinawa, 2010, Japan.

Photo 6. KGS-KGS joint geotechnical seminar, Eurasian National University, Astana, 21-22 July, 2010, Kazakhstan.

Message to ISSMGE Members (continued)

Professor A. Zhussupbekov

Photo 7. Chair of the Organizing Committee, 3ICGEDMAR, 5ICGHE and International Symposium – Prof. Sri Prabandiyani Retno Wardani and myself.

Photo 8. Great Honor for Dr. Hideki Ohta (Prof. of Chuo University) – As the Vice President of ISSMGE for Asia I presented a National Kazakhstan Chapan to Prof. Ohta for his 40-year great contributions to geotechnical engineering, and Prof. Pedro Seco-e-Pinto (Past President of ISSMGE) first congratulated Prof. Ohta in this inaugural event.

Photo 9. Group Photo of participants of International Symposium on Recent Advances in Geotechnical Engineering (to mark the 40-year contributions of Prof. Ohta, 17th May 2011), Gumaya Tower Hotel, Semarang, Central Java, Indonesia.

Photo 10. Group Photo of Keynote Lecturers of the 3rd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation (18-20 May, 2011, Gumaya Tower Hotel, Semarang, Central Java, Indonesia.

Message to ISSMGE Members (continued)
Professor A. Zhussupbekov

Photo 11. VIPs opens ICGEDMAR and 5th ICGHE, Semarang, Central Java, Indonesia, 18th May, 2011.

Photo 12. The Invited Lecture of Dr. Djoko Kirmanto, Minister of Public Works of the Republic of Indonesia at 3rd ICGEDMAR and 5th ICGHE, Semarang.

The most recent event was the 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering which was held in Hong Kong (China) from 23 to 27 May, 2011. The 14th ARC which was hosted by Hong Kong Geotechnical Society (Photo 13) and Hong Kong Polytechnic University (Photos 14 and 15) under the auspices of ISSMGE. I am very happy to report that this most recent Conference with the theme on Soil Mechanics and Geotechnical Engineering: **Challenges and Solutions** was resounding success, by all measures. The total number of participants was 627 from 36 countries.

The topics in the theme area were : Characterization of soils, local and problematical soils, slopes, foundations, Geotechnics for transportation and infrastructure, underground construction and tunneling, dam and embankment, rock engineering, soil dynamics and earthquake geotechnical engineering, geoenvironmental engineering, ground improvement, geotechnical risk mitigation and management, quantitative risk assessment, geosynthetics, forensic investigation, case histories, innovative technologies for geotechnical applications. Hong Kong has a land area of only 1,100 km^2 and a population of over 7 million. It is one of the geotechnical centers of the world with thousands of geotechnical practitioners and intensive geotechnical activities. This conference provided a forum for engineers and researchers from the Asian region and participants from other regions to meet together and share new ideas, achievements, and experiences through presentations and discussions. The proceedings of the conference include a booklet of 9 keynote papers and 414 extended abstracts and a CD-Rom with 414 normal papers and 9 keynote lectures. Before the opening ceremony was one-minute silence for March 11 Japan Disaster. Also in this conference there was an inaugural session dedicated to the 75th Years Anniversary Celebration of ISSMGE chaired by the Past Vice-President of ISSMGE for Asia Prof. Madhira Madhav. The session comprised of three presentations starting with Former Vice President of ISSMGE for Asia Dr. Za-Chieh Moh who spoke about the past; followed by myself about the present time; and Dr. N.H. Priyankara, a young representative from Sri-Lanka Geotechnical Society speaking about the future (Photo 16).

Message to ISSMGE Members (continued)
Professor A. Zhussupbekov

Photo 13. Group photo of the organizing committee of 14th ARC with ISSMGE Board members, Hong Kong, 23rd May, 2011.

Photo 14. Group photo of Young Geotechnical Students of Hong Kong Polytechnic University with President of ISSMGE Prof. Briaud, Co- Chairs of 14 ARC : Prof. Jian-hua Yin, Ir. Albert Ngai Leung Ho and Secretary of LOC of 14th ARC : Robina Wong.

Photo 15. Welcome performance: Lion Dance at the Opening Ceremony of 14th ARC, Hong Kong, 23rd May 2011.

Photo 16. Ceremony of Award for Dr. N.H. Priyankara (Young representative of Sri Lanka Geotechnical Society) after his Invited lecture about future of development of Asian Geotechnical Activity of ISSMGE (75th Anniversary Celebration inaugural session), 23rd May, 2011, 14th ARC, Hong Kong.

Message to ISSMGE Members (continued)

Professor A. Zhussupbekov

The Local Organizing Committee of 14ARC invited Prof. Motoki Kazama from Tohoku University to present a technical report about March 11 Japan disaster (Photos 17 and 18). Dr. Wen Dazhi (Land Transport Authority, Singapore) gave Keynote Lecture 1 about Underground Construction and Tunneling in Urban Environment; Ir. Raymond Chan (Geotechnical Engineering Office, The Government of the HKSAR gave Keynote Lecture 2 : Challenge of Extreme Rainfall to Landslide Risk Management in Hong Kong. The Keynote Lecture 3: Effect of clay-chemical interactions for geoenvironmental containment was presented by Prof. Takeshi Katsumi (Kyoto University, Japan); Prof. Abbas Soroush (Amirkabir University of Technology, Iran) gave Keynote Lecture 4 : Seepage and Deformations of Dams and their Monitoring; Keynote Lecture 5: Predictions and Performance of Uplift Piles in Soft Ground was delivered by Prof. Maosong Huang (Tongji University, China); Prof. Seung-Rae Lee gave Keynote Lecture 6 : Rainfall Induced Slope Instability Assessment and Monitoring: Review and Perspectives; Keynote Lecture 7: Stability Analysis of Chenab Bridge Abutment was presented by Prof. K.S. Rao (Indian Institute of Technology, India); Prof. Motoki Kazama (Tohoku University, Japan) gave Keynote Lecture 8: Residual Deformation Property of Liquefied Soil and Related Phenomena. On 26th May were full-day ATC and TC Sessions: TC 103 : Numerical Methods in Geomechanics (Session Chairmen : Prof. Akira Murakami, Dr. Johnny Cheuk and Dr. S.W. Lee); TC 211 : Ground Improvement (Session Chairmen: Mr. Serge Varaksin and Prof. Jan Maertens); TC 302: Forensic Geotechnical Engineering (Session Chairmen: Dr. V.V.S. Rao and Prof. M.R. Madhav); TC 304: Geotechnical Reliability and Risk Assessment (Session Chairmen: Dr. Liming Zhang and Dr. Yu Wang); TC 305: Geotechnical Infrastructure for Megacities and New Capitals (Session Chairman: Prof. Askar Zhussupbekov, Moderator: Mr. Makoto Namba and Secretary :Dr. Rauan Lukpanov). In this technical session of TC 305, Dr. Daman Lee (ARUP, Hong Kong) gave an excellent lecture about Mega City – Hong Kong Underground Space (Photo 19) and also Prof. Eun Chul Shin (University of Incheon, Korea) gave an interesting lecture about Metro Construction Work in Incheon (Photo 20). Dr. Yoshinori Iwasaki (Prof. of Dep. of World Heritage, Cyber University, presented an impressive lecture: Mega City above Hidden Active Fault. Dr. John Chien Chung Li (CECI Engineering Consultants, Chinese Taipei) delivered an excellent lecture about Damages and Rehabilitation of Morakot Typhoon Disaster in Taiwan Island. Dr. Yoichi Watabe (Port and Airport Research Institute, Japan) gave a very interesting lecture about Development History of the Tokyo International Airport. Also on the day we had technical sessions by Asian Technical Committees: ATC 3 - Geotechnology for Natural Hazards (Chairmen: Prof. Hemanta Hazarika, Kyushu University, Japan) and Prof. Ikuo Towhata (University of Tokyo, Japan); ATC 7 : Thick Deltaic Deposits (Session Chairman: Prof. N.J. Yoo, Kanwon National University, Korea); ATC 10 (Session Chairman : Mr. Hiroki Todo, Kiso-Jiban Co., Ltd, Japan); ATC 18: Mega Foundations: Session Chairman: Ir. James Sze (ARUP, Hong Kong) and ATC 19 : Conservation of Heritage and Historical Site (Session Chairman : Prof. Yoshinori Iwasaki, Geo-Research Institute, Japan).

Message to ISSMGE Me mbers (continued)

Professor A. Zhussupbekov

Photo 17. The full audience (Jockey Club Auditorium of Hong Kong Polytechnic University) during a technical report: March 11 Japan Disaster by Prof. Motoki Kazama from Tohoku University, Japan, 14th ARC, Hong Kong, 24th May 2011.

Photo 18. President of ISSMGE Prof. Briaud awarded Prof. Motoki Kazama for his excellent technical report about March 11 Japan Disaster, 24th May, 14th ARC, Hong Kong.

Photo 19. Prof. Makoto Namba (Moderator of TC 305-Workshop on Recent Projects in Asian Megacities and New Capitals and Chairman of this technical session of TC305) awarded Dr. Daman Lee (Director of ARUP, Hong Kong) for his excellent invited lecture: Mega City – Hong Kong Underground Space.

Photo 20. Prof. E.C. Shin (University of Incheon) delivering invited lecture (TC 305 technical session) about Metro Construction Work in Incheon, Korea.

Report to ISSMGE Foundation (continued)

14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering: Celebration of 75th ISSMGE Anniversary

During the ceremony, I briefly described the enormous challenges that the geotechnical engineering profession will face due to global developments. Further I pointed out that geotechnical engineers must look beyond their narrow specialties and learn to take a holistic perspective in assessing the problems and devising their solutions. In other words, multi-disciplinary approaches are recommended for geotechnical engineers. Problems associated with idealization of soil profile due to highly variable nature of residual formation in Asia were highlighted in the presentation. Future developments in some selected areas of geotechnical engineering were briefly described. Necessity of the revision of academic curricular or engineering education in order to suit the future challenges was illustrated by the young representative. Finally, I pointed out the responsibility of the ISSMGE to foster the young geo-professionals.

News

The 3rd International Conference on Geotechnical Engineering for Disaster mitigation and Rehabilitation (GEDMAR) in conjunction with the 5th International Conference on Geotechnical and Highway Engineering

This conference took place from May 17 to 19, 2011, in Semarang, Central Java of Indonesia. Prof. S.P.R. Wardani of Diponegoro University in Semarang served as the chief organizer for this occasion. It was also one of the important activities of TC303 for which Prof. Susumu Iai is the current chairman. As shown in its title, this conference was intended to exchange and disseminate the up-to-date knowledge and experience both internationally and domestically. The conference attracted 62 paper submissions and more than 300 participants from 25 countries.

The first day of the conference was devoted to a special occasion, named International Symposium on Recent Advances in Geotechnical Engineering, that was planned in recognition of Prof. Hideki Ohta who contributed to the development and education of geotechnical engineering for 40 years. After Prof. A. Iizuka of Kobe University introduced Prof. Ohta's academic life, 14 selected speakers discussed their latest achievements in the concerned field. This symposium was concluded by Prof. Ohta's presentation on stress states in a loose fill of granular materials.

The second day was initiated by the opening ceremony of 3ICGEDMAR & 5ICGHE Conference in which the Minister of Public Works of the Republic of Indonesia, Dr. Djoko Kirmanto, made the official opening address after presenting Keynote speech. Prof. J.L. Briaud, the ISSMGE President, made one of the opening speeches as well.

The second day (and also the third day) of the conference consisted of presentations from 14 keynote speakers (includes presentations by Vice Minister of Public Works of The Republic of Indonesia and Director General of Highways), 15 invited speakers, and 62 conference participants.

At the end of the conference, three award-winning papers were announced;

(1) Award for paper in geotechnical engineering
Problem of High Embankment on Clay Shale at Semarang-Ungaran Toll 159 Road Sta 5 +500 to 6 +300 (Authors: Mr. Muhrozi and Prof. SPR. Wardani from Indonesia)

(2) Award for paper in Highway Engineering
The Failure of a Road Embankment over North Java Soft Soils (Authors: Dr. H. Rahadian, Mr. Hendarto, and Mr. B. Prasetya from Indonesia)

(3) Award for the best conference paper
A Method for Controlling Swell of Weak Rocks in the Vicinity of Underground Excavations (Authors: Dr. R. Doostmohammadi, M. Moosavi from Iran, and Prof. Th. Mutschler from Germany)

Photographs below present two important scenes during the conference. The next venue of this series of conference will be Kyoto, Japan, in 2014 and the conference will be hosted by Prof. Iai of Kyoto University.

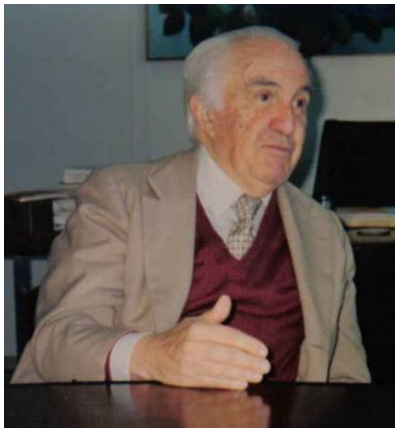
News (continued)

The 3rd International Conference on Geotechnical Engineering for Disaster mitigation and Rehabilitation (GEDMAR) in conjunction with the 5th International Conference on Geotechnical and Highway Engineering

Fig. 1 Speakers on the first day of the conference who are dressed in the Indonesian traditional clothes

Fig. 2 Opening ceremony by Minister of Public Works of the Republic of Indonesia

Obituary
Professor Milton Vargas



On May 11, 2011, Professor Milton Vargas passed away at the age of 97. His death has deprived Brazilian and International community of geotechnical engineering of one of the most brilliant geotechnical engineers of all times in Brazil, a vivid academician working as a pioneer in the research of residual soils. He has often been treated as the *father* of the Brazilian geotechnical community which gives a perspective of his contribution over the past 60 years.

He was born in 1914 and graduated first in Electrical Engineering and later in Civil Engineering, both from the Polytechnic School at the University of São Paulo. In 1938, at the age of 24, he pioneered in situ testing for foundation design after starting his career at the Technological Research Institute of São Paulo (IPT). He was one of the first engineers to explain the differences between residual and sedimentary soils, highlighting the significance of developing specific scientific knowledge envisaged to support technological applications in the engineering field.

In 1946, he went to Harvard University to carry out a post-graduate course with Karl Terzaghi and Arthur Casagrande. His future collaboration with Prof. Terzaghi helped on extending the relevance of residual soils into international scenery.

In 1950, with the support of colleagues of all over Brazil, the Brazilian Association of Geotechnical Engineering (ABMS) was founded, having Professor Vargas as the first president.

In 1952, he left IPT and took the position of Professor at the Polytechnic School from the University of São Paulo. At the same time he started as a consultant of several earthworks, including some of the highest dams in Brazil. With the growing experience, he formed in 1961, with other colleagues, a consulting company named THEMAG Engineering, whose main goal was to unite technical capacity to design large hydroelectric power projects.

Extensive study and research on Brazilian residual soils were his constant practice. He published more that 140 technical papers on this topic together with six books. Professor Vargas received several honors including Terzaghi Award by the Brazilian Geotechnical Society in 1966, Engineer of the Year by the Institute of Engineering of São Paulo in 1989, Best Educator of the Year by the students of the Polytechnic School of the University of São Paulo in 1997, Medal of Scientific Merit in Engineering by the Presidency of Republic of Brazil in 1985 and the Manuel Rocha Award by the Portuguese Geotechnical Society in 1992.

Apart from his career as an engineer Milton Vargas dedicated his life also to the study of philosophy, history and literature. He was one of the founders of the Brazilian Institute of Philosophy in 1951. He was deeply interested in Philosophy of Science and Technology, lecturing regular courses at the university, publishing many academic papers, articles for newspapers and books on the subject. He was also one of the founders of the Brazilian Society on History of Science in 1983 and an active member of the Interdisciplinary Center of History of Science and Technology at the University of São Paulo.
He authored many books on philosophy, history and poetry, having received in life public recognition and important literary prizes that led him a member of the Literary Academy of São Paulo in 1989. But, with almost one century of dedication to three life passions – engineering, philosophy and literature - when questioned recently on which was his dearest passion, Milton Vargas did not hesitate to say “Engineering, no doubt! I am an engineer before anything else!”

Brazilian Geotechnical Society

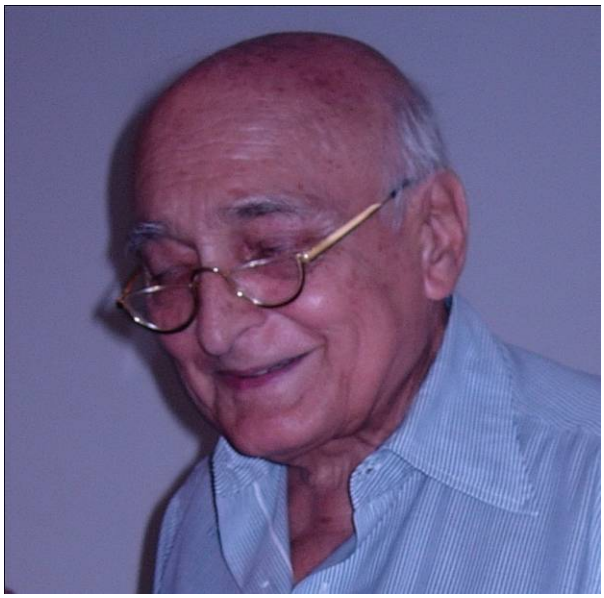
NEWS
Donation of Prof. Victor de Mello's technical library

Prof. Victor de Mello was the president of ISSMGE from 1981 to 1985 and passed away in 2009. His technical library is now a part of the library of the University of Sao Paulo's Civil Engineering School. With more than 1650 books, and 5000 journals, Prof. de Mello's library includes copies of the proceedings of all ICSMGE, all ECSMGE, all PanAmCSMGE, all ICOLD, ISRM, AIEG Conferences, as well as all Brazilian CSMGE, Brazilian Conferences of Dams, Engineering Geology, and Special Foundations up to 2005.

The list of journals is also comprehensive, including the complete collection of Geotechnique, ASCE Journal Geotechnical Eng. Division, Transactions of the ASCE, Canadian Geotechnical Journal, Soils & Foundations, Rivista Italiana di Geotecnica, Bulletin of the LCPC, Proc. of the ICE, Revista Solos e Rochas / Soils & Rocks, Revista Latinoamericana de Geotecnia, Geotecnia journal of SPG.

Books, bulletins from numerous research centres, and thesis complement the vast list. Prof de Mello included in the donation many of his consultancy personal files, including his reports and the data he used for his contribution.

Inauguration of Espaço Victor de Mello happened on June 9th.



Prof. Victor de Mello (1926 – 2009)

Further note: ISSMGE website announced on July 16th, 2009, the following news:

> Luiz Guilherme de Mello would like to advise all ISSMGE members that Prof. Victor de Mello"s unfinished book on Embankment Dams and Fills will be available for downloading from his website [http://www.victorfbdemello.com.br/] both in English and in Porturguese from July, to the point where Prof. de Mello was able to write them. In addition, all Prof. de Mello's technical papers, lectures, discussions in conferences, thesis and other technical papers are already available for downloading.

Complementing this announcement, Victor's website in July will allow download of the 1st and the 2nd Victor de Mello Lecture, delivered respectively by Prof. John Burland in Coimbra, Portugal 2008, and Prof. Harry Poulos and Gramado, Brazil 2010, and published at Soils & Rocks journal. Films of both lectures are also uploaded at the website.

NEWS
ISSMGE Awards

On the basis of the recommendation by the AWAC (Awards Committee), the ISSMGE Board decided during its meeting in Hong Kong to start soon several new awards. They are named as what follows;

1. The ISSMGE Outstanding Technical Committee Award
2. The ISSMGE Outstanding Geotechnical Project Award
3. The ISSMGE Outstanding Innovator Award
4. The ISSMGE Outstanding Member Society Award
5. The ISSMGE Outstanding Paper Award (International Journal of Geoengineering Case Histories)

The detailed procedures and the steps for the selection of awardees for each award will be announced soon. It is considered extremely important that all the awardees show up at the award ceremony that will take place during the 2013 ICSMGE in Paris.

Furthermore, a set of special lectures has been started. Those lectures carry the names of geotechnical giants as follows;

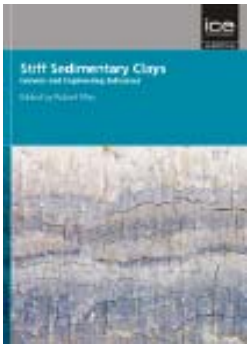
ISSMGE Bishop Lecture on Laboratory Testing,
ISSMGE Fujita Lecture on Underground Structure,
ISSMGE Ishihara Lecture on Geotechnical Earthquake Engineering
ISSMGE Kerisel Lecture on Preservation of Monuments and Historic Sites
ISSMGE McClelland Lecture on Offshore Geotechnology,
ISSMGE Mitchell Lecture on Site Characterization, and
ISSMGE Schofield Lecture on Physical Modelling.

Book News

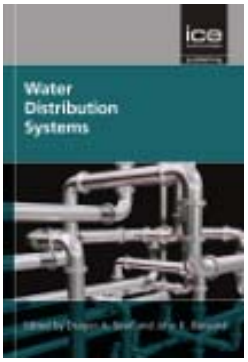
Coming soon from ICE Publishing

Initial Professional Development for Civil Engineers
List price: £25.00
H. Macdonald Steels
Paperbound, Publication March 2011, 132pp
This book presents straight forward guidance for those working towards professional reviews and to becoming practicing civil engineers.

ICE Manual of Highway Design and Management
List price: £150.00
Edited by Ian Walsh
Jacobs Engineering
Hardbound, Publication April 2011, 766pp
Written and edited by a wide selection of leading specialists, this manual covers each of the key aspects of highway engineering projects - from funding, procurement and transport planning to traffic engineering, materials and design - as well as the management and maintenance of existing highways assets.



Stiff Sedimentary Clays: Genesis and Engineering Behaviour
List price: £55.00
Edited by Robert May
Atkins
Hardbound, Publication Feb 2011
This book brings together all the Géotechnique Symposium papers, by leading international researchers, published in Géotechnique, keynote speeches, informal discussions on key submissions that were presented at the Symposium at the Institution of Civil Engineers on 14 May 2007 and additional papers, published in Géotechnique between 2000 and 2006, which add further insights on the major topics of the Symposium.



Water Distribution Systems
List Price: £65.00
Dragan Savic and John Banyard
University of Exeter
Hardbound, Publication Jan 2011, 358pp
Keep pace with the guidelines and current thinking with Water Distribution Systems - a comprehensive guide, covering fundamental concepts and exploring the latest ideas of good practice. Combining both academic and professional perspectives, this book brings together all aspects of a complex topic.

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NEWS
3RD BIG EARTHQUAKE IN CHRISTCHURCH, NEW ZEALAND

Suguru Yamada, Assistant Professor, University of Tokyo
Takashi Kiyota, Associate Professor, University of Tokyo
Yasuyo Hosono, Assistant Professor, Toyohashi University of Technology

Following the quakes in September 2010 and February 2011, another strong shaking occurred in Christchurch, New Zealand on June 13. In more details, two earthquakes occurred on the same day as shown in Table 1. Information of the event at 2:20 PM is summarized in Table 2 together with those of previous two earthquakes in 2010 and early in 2011. Note that two major events in 2011 are considered to be aftershocks of the one in September 2010. The magnitude of shaking during the recent event was not so strong as in the previous quakes (Table 2) but some damage was induced.

Table 1. Information on two events on June 13 2011.

Time	June 13 at 1:01pm (Local time)	June 13 2011 at 2:20pm (Local time)
Focal Depth	9km	6km
Richter magnitude	5.6	6.3
Location	10km south-east of Christchurch	10km east of Christchurch

Table 2. Earthquake motion characteristics of the mainshock in September and two major aftershocks recorded at Christchurch Hospital.

Earthquake Date	Magnitude	Focal depth (km)	Epicentral Distance (km)	Horizontal PGA (m/sec^2)	Horizontal PGV (m/s)
4-Sep-10 (Mainshock)	Mw 7.1	11	36	1.943	0.508
22-Feb-11	Mw 6.2	5	6	4.483	0.850
13-Jun-11	Mw 6.0	6	13	2.187	0.527

Among the series of recent quakes in the Christchurch area, the event in September 2010 has been considered to be the main shock, and the following ones have been the aftershocks. Fig. 1 illustrates the eastward translation of epicenters in this series of quakes. Although the aftershocks have been of smaller seismic magnitude, the induced damage has been significant as well because of the shorter focal distance to the city.

NEWS (continued)
3RD BIG EARTHQUAKE IN CHRISTCHURCH, NEW ZEALAND

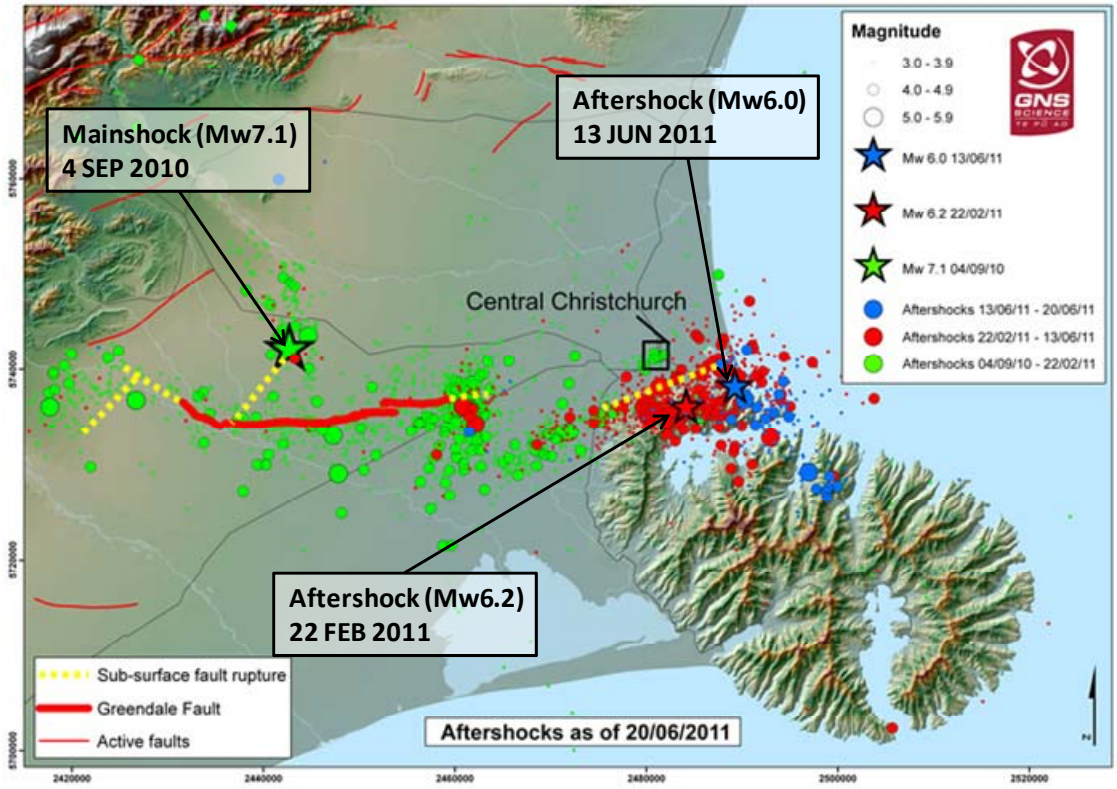


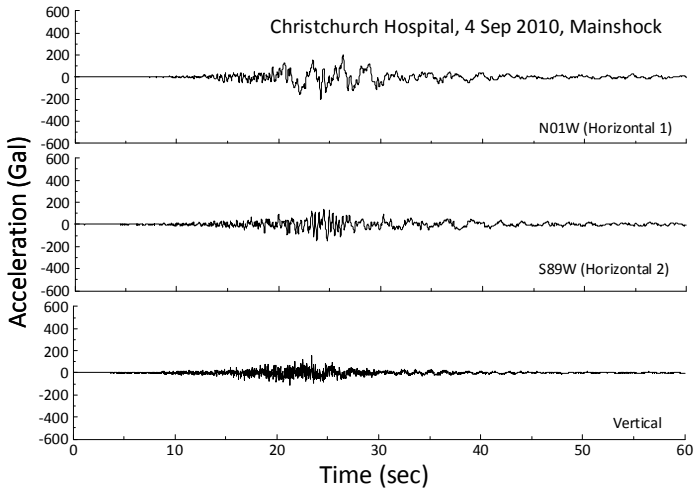
Fig. 1 Location of main shock, aftershocks above magnitude 3, and fault ruptures in Canterbury (as of 12 April 2011) (Modified from original graphic by GNS Science, http://www.geonet.org.nz).

It is important to compare the three earthquakes. Fig. 2 illustrates earthquake motion records in the city of Christchurch. Among the three quakes, the one in February caused the greatest magnitude of acceleration.

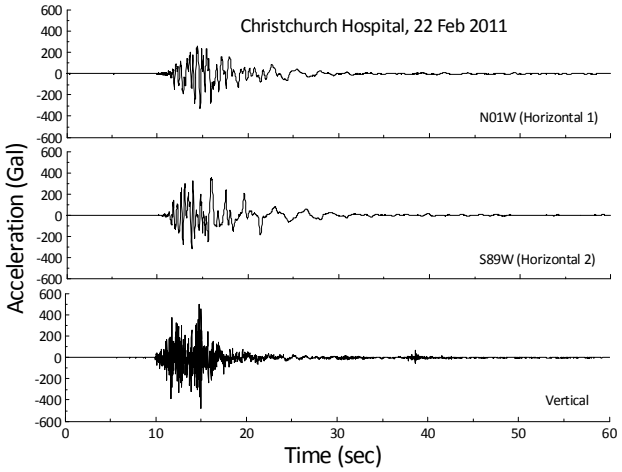
It is important to compare damage extents as well that were caused by the three quakes (Figs. 3-7). Noteworthy is that subsoil liquefaction was repeated for the third time, showing thus that the liquefaction potential of once-liquefied subsoil is still maintained high and requires a special consideration to avoid future liquefaction problems. Fig. 7 indicates new rock falls in the mountain area for which the damage extent may be greater in the recent event than in previous ones.

NEWS (continued)
3RD BIG EARTHQUAKE IN CHRISTCHURCH, NEW ZEALAND

(a) Main shock on September 4, 2010



(b) Aftershock on February 22, 2011



(c) Aftershock on June 13, 2011

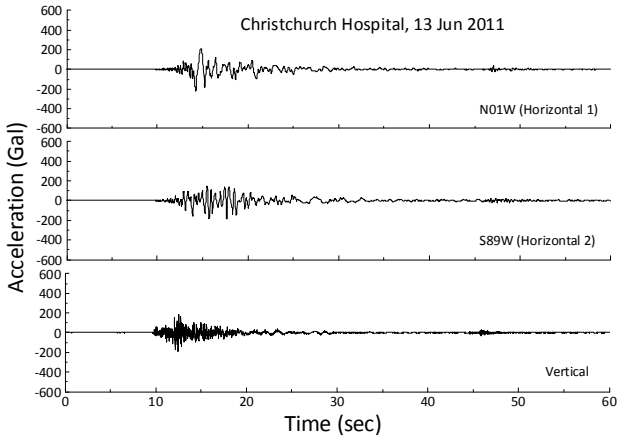


Fig. 2 Acceleration records of the 2010 Darfield Earthquake, 2011 Christchurch Earthquake and the latest June 2011 Earthquake at the Christchurch Hospital.

NEWS (continued)
3RD BIG EARTHQUAKE IN CHRISTCHURCH, NEW ZEALAND

Fig. 3 Lateral spreading in the restored river dike in River Road.

Fig. 4 Uplift of an underground water tank in Avonside Drive.

Fig. 5 Damage to residential houses/properties due to repeated liquefaction in Seabreeze Close, Bexley.

NEWS (continued)
3RD BIG EARTHQUAKE IN CHRISTCHURCH, NEW ZEALAND

Fig. 6 Repeated liquefaction in a residential property in Cassia Place, North Kaiapoi.

Fig. 7 Slope (cliff) failure at the west side of Wakefield Avenue, Sumner.

Event Diary

ISSMGE SPONSORED EVENTS

Please refer to the specific conference website for full details and latest information.

2011

International Symposium on Backwards Problem in Geotechnical Engineering and Geotechnical Failure and Monitoring (14-15 July)
Event organised under the auspices of ISSMGE
Date: 14 - 15 July 2011
Location: GreenHall, Kensetsu KoryuKan , Osaka, Osaka Prefecture, Japan
Language: English
Organizer: TC302, ISSMGE
• Contact person: Yoshi Iwasaki
• Address: Geo Research Institute, 4-3-2, Itachi-bori, Nishi-ku
550-0012 Osaka
Osaka
Japan
• Phone: 81-9-8938-1191
• Fax: 81-6-6578-6255
• E-mail: yoshi-iw@geor.or.jp

XV African Regional Conference on Soil Mechanics and Geotechnical Engineering - "Resources and Infrastructure Geotechnics in Africa: Putting theory into practice".
Date: 18 - 21 July 2011
Location: Maputo, Mozambique
Organizer: Soc. Moçambicana de Geotecnia
• Contact person: Prof. Carlos QUADROS, President of SMG, Dr Saturnino CHEMBEZE, Sec. Gen SMG
• Address: Mozambican Geotechnical Society, Av. 25 de Setembro nº 2526
Maputo
Mozambique
• Phone: 258 21322185
• Fax: 258 21322186
• E-mail: info@15arcsmge-maputo2011.com
Website: www.15arcsmge-maputo2011.com

Fifth International Symposium on Deformation Characteristics of Geomaterials (IS-Seoul 2011)
Date: 31 August - 3 September 2011
Location: Sheraton Grande Walkerhill, Seoul, Korea
Language: English
Organizer: ISSMGE(TC-29) and KGS
• Contact person: Prof. Dong-Soo Kim
• Address: Dept. of Civil & Environmental Eng., KAIST
305-701 Daejeon
Korea
• Phone: 82-42-350-5659
• Fax: 82-42-350-7200
• E-mail: is-seoul@kaist.ac.kr
Website: www.isseoul2011.org

21st European Young Geotechnical Engineers' Conference
Date: 4 - 7 September 2011
Location: Rotterdam, Netherlands, The
Language: English
Organizer: Netherlands Society for SMGE
• Contact person: Angelique van Tongeren
• Address: PO Box 30424,
2500GK The Hague
Netherlands
• E-mail: EYGEC2011@kiviniria.net
Website: www.kiviniria.net/EYGEC2011

XV European Conference on Soil Mechanics and Geotechnical Engineering "Geotechnics of Hard Soils - Weak Rocks"
Date: 12 - 15 September 2011
Location: Megaron Athens Int Conf Cntr , Athens, Greece
Language: English/French
Organizer: HSSMGE
• Contact person: Secretariat XV ECSMGE – Athens 2011
• Address: PO Box 26013
10022 Athens
Greece
• Phone: 30 210 6915926
• Fax: +30 210 6928137
• E-mail: athens2011ecsmge@hssmge.gr
Website: www. athens2011ecsmge.org

The Second Italian Workshop on Landslides – Large slow active slope movements and risk management
Date: 28 - 30 September 2011
Location: Cloister of SS. Marcellino and , Naples, Italy
Language: English
Organizer: CIRIAM and DIGA
• Contact person: B. Avolio; G. Carrieri, A. Parente (Technical Secretary); A.M. Rinaldi (Administrative aspects)
• Address: Via Roma, 29
81031 Aversa (CE)
Italy
• Phone: 39 081 5010341-5010262 (Tech.); 081 5010381 (Adm.)
• Fax: 39 081 5010382
• E-mail: info@iwl.unina2.it (Tech.); ciriam@unina2.it (Adm.); alfonsomaria.rinaldi@unina2.it (Adm.)
Website: iwl.unina2.it/

XIV Pan-Am / CGS Geotechnical Conference
Date: 2 - 6 October 2011
Location: Sheraton Centre Toronto Hotel , Toronto, Ontario, Canada
Language: English, French, Spanish
Organizer: Cdn Geotechnical Soc. & ISSMGE
• Contact person: Wayne Gibson, P.Eng.
• Address: 8828 Pigott Rd
V7A 2C4 Richmond
BC
Canada
• Phone: 00 1 604 241 1297
• Fax: 00 1 604 241 1399
• E-mail: info@panam-cgc2011.ca
Website: panam-cgc2011.ca

Event Diary (continued)

TC207 workshop on Soil-structure Interaction and Retaining Walls
Date: 5 - 8 October 2011
Location: Valamar President Hotel , Dubrovnik, Croatia (Hrvatska)
Language: English
Organizer: TC207, Croatian Geotech Societ
• Contact person: Dr. Igor Sokolic;
• Address: Dept. Civil Engineering,
University of Zagreb,
Kaciceva 26,
HR-10000 Zagreb
CROATIA

• Phone: 385 1 4639 618
• E-mail: isokolic@grad.hr
Website: www.georec.spb.ru/tc207/2011-Croatia/

2012

Second International Conference on Performance-Based Design in Earthquake Geotechnical Engineering
Date: 28 - 30 May 2012
Location: Conference Center , Taormina, Italy
Language: English
Organizer: ISSMGE TC-203
• Contact person: Dr. Claudio Soccodato
• Address: Associazione Geotecnica Italiana (AGI), viale dell'Università, 11
00185 Roma
Italy
• Phone: 39 064465569
• Fax: 39 0644361035
• E-mail: agiroma@iol.it
Website: www.associazionegeotecnica.it/novita

TC 211 International Symposium & Short Courses "Recent Research, Advances & Execution Aspects of GROUND IMPROVEMENT WORKS"
Date: 30 May - 1 June 2012
Location: IS: Crowne Plaza Brussels , Brussels, Belgium
Language: English
Organizer: TC 211 Ground Improvement
• Contact person: BBRI - Carine Godard
• Address: Avenue P. Holoffe 21
B-1342 Limelette
Belgium
• Phone: 32 2 655 77 11
• Fax: 32 2 653 07 29
• E-mail: carine.godard@bbri.be
Website: www.bbri.be/go/IS-GI-2012

12th Baltic Sea Geotechnical Conference
Date: 31 May - 2 June 2012
Location: Stadhalle (Town Hall) Rostock , Rostock, Germany
Language: English
Organizer: German Geotechnical Society
• Contact person: German Geotechnical Society
• Address: Gutenbergstr. 43
45128 Essen
Germany
• Phone: 49 201 78 27 23
• Fax: 49 201 78 27 43
• E-mail: service@dggt.de
Website: www.12bsgc.de

Shaking the Foundations of Geo-engineering Education (SFGE) 2012
Date: 4 - 6 July 2012
Location: NUI Galway , Galway, Ireland
Language: English
Organizer: ISSMGE
• Contact person: Dr. Bryan McCabe
• Address: Civil Engineering, National University of Ireland, Galway (NUI Galway)
Galway
Ireland
• Phone: 353 91 492021
• Fax: 353 91 494507
• E-mail: bryan.mccabe@nuigalway.ie
Website: www.sfge2012.com

11th ANZ 2012 Geomechanics Conference
Date: 15 - 18 July 2012
Location: Crown Promenade Hotel , Melbourne, Victoria, Australia
Language: English
Organizer: Leishman Associates
• Contact person: Leishman Associates
• Address: 113 Harrington Street
7000 Hobart
Tasmania
Australia
• Phone: 61 36234 7844
• Fax: 61 6234 5958
• E-mail: nicole@leishman-associates.com.au
Website: www.anz2012.com.au

ICSE-6 - 6th International Conference on Scour and Erosion
Date: 27 - 31 August 2012
Location: Ecole Spéciale des Travaux Pub , Paris, France
Language:
Organizer:
• E-mail: contact@icse-6.com
Website: www.icse-6.com

2nd International Conference on Transportation Geotechnics
Date: 10 - 12 September 2012
Location: Hokkaido University , Sapporo, Hokkaido, Japan
Language: English
Organizer: ISSMGE (TC202) and JGS
• Contact person: Dr. Tatsuya Ishikawa
• Address: Faculty of Engineering, Hokkaido University Kita 13, Nishi 8, Kita-ku
060-8628 Sapporo
Hokkaido
Japan
• Phone: 81-706-6202
• Fax: 81-706-6202
• E-mail: tc3conference@eng.hokudai.ac.jp
Website: congress.coop.hokudai.ac.jp/tc3conference/index.html

Event Diary (continued)

ISC'4 - 4th International Conference on Geotechnical and Geophysical Site Characterization
Date: 18 - 21 September 2012
Location: Porto de Galinhas, Pernambuco, Brazil
Language:
Organizer: TC102
• Contact person: Executive Secretary
• Address: Rua Ernesto de Paula Santos 1368, salas 603/604
Boa Viagem; Recife - PE CEP: 51021-330
Brazil
• E-mail: isc-4@factos.com.br
Website: www.isc-4.com/index.php

International Conference on Ground Improvement and Ground Control: Transport Infrastructure Development and Natural Hazards Mitigation
Date: 30 October - 2 November 2012
Location: University of Wollongong, Wollongong, New South Wales, Australia
Language: English
• Organizer: The Centre for Geomechanics and Railway Engineering, University of Wollongong, Australia, and the Australian Geomechanics Society (AGS)
. Contact person: Dr. Jayan Vinod
. Address: Centre for Geomechanics and Railway Engineering, Faculty of Engineering,
University of Wollongong,
2522 Wollongong,
New South Wales,
Australia.
. Phone: 61 02 4221 4089
. Fax: 61 02 4221 3238
. E-mail: icgi_2012@uow.edu.au
. Website: www.icgiwollongong.com
. Deadline for Abstract submission: 1 July 2011

7th International Conference in Offshore Site Investigation and Geotechnics: Integrated Geotechnologies, Present and Future
Date: 12 - 14 September 2012
Location: Royal Geographical society , London, United Kingdom
Language: English
Organizer: TC209, SUT - OSIG
• Contact person: Peter Allan
• Address: Geomarine Ltd, A2 Grainger Prestwick Park
NE20 9SJ NEWCASTLE UPON TYNE
England
• Phone: 44 (0) 191 4537900
• E-mail: peter.allan@geomarine.co.uk; zenon@tamu.edu

2013

18th International Conference for Soil Mechanics and Geotechnical Engineering
Date: 1 - 5 September 2013
Location: Paris International Conf. Ctr , Paris, France
Language:
Organizer:
• Contact person: Violaine Gauthier
• Address: Le Public Système,
38, rue Anatole France –
92594 Levallois-Perret Cedex
France
• Phone: 33 1 70 94 65 04
• E-mail: vgauthier@lepublicsysteme.fr
Website: www.issmge2013.org/

2014

8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE14)
Date: 18 - 20 June 2014
Location: Delft University of Technology , Delft, Netherlands, The
Language: English
Organizer: Prof. Michael Hicks
• Contact person: Mrs. Hannie Zwiers
• Address: Delft University of Technology, Faculty of Civil Engineering & Geosciences
Stevinweg 1
2628 CN Delft
The Netherlands
• Phone: +31 15 2788100
• E-mail: info@numge2014.org
Website: www.numge2014.org

NON-ISSMGE SPONSORED EVENTS

2011

4th International Geotechnical Symposium on Geotechnical Engineering for Disaster Prevention & Reduction
Date: 26 - 28 July 2011
Location: Fourth International Symposium , Khabarovsk, Russia
Language: English or Russian
Organizer: Far Eastern Transport Univ
• Contact person: Professor S.A.Kudryavtsev
• Address: Street Serishev, 47, Far Eastern State Transport University (FESTU)
680021 Kabarovsk
Russia
• Phone: 74212407540
• E-mail: its@festu.khv.ru
Website: www.igsh4.ru

7th Ukrainian Conference on "Soil Mechanics, Geotechnics and Foundation Engineering"
Date: 4 - 7 October 2011
Location: Sanatorium Complex “Magnolia” , Odessa, Ukraine
Language: Ukrainian, Russian
Organizer: UkrSSMGFE
: • Contact person: Vladimir Senatorov
• Address: 5/2 Ivan Klimenko str.
03680 Kiev
Ukraine
• Phone: (38044) 249-38-30
• Fax: (38044) 248-89-09

Event Diary (continued)

• E-mail: v.senatorov@ndibk.gov.ua
Website: www.niisk.com

International Conference on "Geotechnics For Sustainable Development" - GEOTEC HANOI 2011 -
Date: 6 - 7 October 2011
Location: Fortuna Hotel , Hanoi, Vietnam
Language: English
Organizer: FECON JSC, VSSMGE and GCMM
• Contact person: Mr. Ta Xuan Hien
• Address: 15th Floor,
CEO Tower,
Pham Hung Road,
Tu Liem District
Hanoi
Vietnam
• Phone: 84462690481
• Fax: 84462690484

• E-mail: secretariat@geotechn2011.vn

International Conference on Advances in Geotechnical Engineering (ICAGE 2011)
Date: 7 - 9 November 2011
Location: Burswood Entertainment Complex , Perth, Western Australia, Australia
Language: English
Organizer: Curtin University
• Contact person: EEC W Pty Ltd, Australia
• Phone: 61-8-9389 1488
• Fax: 61-8-9389 1499
• E-mail: info@eecw.com.au
Website: www.icage2011.com.au

5th Asia-Pacific Conference on Unsaturated Soils
Date: 14 - 16 November 2011
Location: Pattaya , Pattaya, Thailand
Language: English
Organizer: Thai Geotechnical Society, KU
• Contact person: Apiniti Jotisankasa
• Address: Department of Civil Engineering, Kasetsart University
10900 Jatujak
Bangkok
Thailand
• Phone: 66819043060
• Fax: 6625792265
• E-mail: fengatj@ku.ac.th
Website: www.unsat.eng.ku.ac.th

Segunda Conferencia Ecuatoriana de Ingeniería Geotécnica y Ambiental para Ingenieros Jóvenes y Estudiantes (SCEIGA)
Date: 16 - 18 November 2011
Location: Universidad de Guayaquil , Guayaquil, Guayas, Ecuador
Language: Español
Organizer: SEMSIR
• Contact person: Maria Jose Avecillas Andrade
• Address: Laboratorio Ruffilli – Universidad de Guayaquil,
Av. Kennedy.
9176 Guayaquil
Guayas
Ecuador
• Phone: 59384862808
• Fax: 59342286290
• E-mail: aniversariosemsir50@gmail.com
Website: semsir.blogspot.com

GEOMAT 2011-MIE, JAPAN
Date: 21 - 23 November 2011
Language: English
Organizer: Glorious International GEOMAT
• Contact person: Dr. Zakaria Hossain
• Address: Assoc. Prof., Graduate School of Bioresources,
Mie University
514-8507 Tsu
Mie
Japan
• Phone: 81592319578
• Fax: 81592319591
• E-mail: zakaria@bio.mie-u.ac.jp
Website: gipremi.webs.com/

International Symposium on Sustainable Geosynthetics & Green Technology for Climate Change (SGCC2011)
Date: 7 - 8 December 2011
Location: Grand Centara Convention Hotel , Bangkok, Thailand
Language: English
Organizer: ACSIG, SEAGS
• Contact person: SGCC2011 Secretariat
• Address: c/o Asian Center for Soil Improvement and Geosynthetics (ACSIG); GTE/SET,
Asian Insitute of Technology
PO Box 4,
Klong Luang,
Pathumthani 12120
Thailand
• Phone: 66-2 524 5523
• Fax: 66-2 524 6050
• E-mail: climatechange@ait.ac.th or igs-thailand@ait.ac.th
Website: www.set.ait.ac.th/acsig/sgcc2011/home.htm

Young Geotechnical Engineers Conference 2011 - South Africa
Date: 31 October - 2 November 2011
Location: Berg and Dal Conference Centre , Kruger National Park, Limpopo, South Africa
Language: English
Organizer: SAICE Geotechnical division
• Contact person: RCA Conference organisers - Yolandé Oosthuizen
• Phone: 27117288173
• E-mail: register@rca.co.za

Event Diary (continued)

2012

4th International Conference on Grouting and Deep Mixing
Date: 15 - 18 February 2012
Location: Marriott New Orleans , New Orleans, LA, United States
Language: English
Organizer: ICOG and DFI
• Contact person: Theresa Rappaport
• Address: DFI; 326 Lafayette Avenue
07506 Hawthorne
NJ
USA
• Phone: 9734234030
• Fax: 9734234031
• E-mail: trappaport@dfi.org
Website: www.grout2012.org

NGM 2012. 16th Nordic Geotechnical Meeting
Date: 9 - 12 May 2012
Location: Tivoli Congress Center, Copenhagen, Denmark
Language: English
Organizer: Danish Geotechnical Society
. Contact person: Morten Jorgensen
. Address: Sortemosevej 2
DK-3450 Allerod
Copenhagen
Denmark
. Phone: +45 4810 4207 ; +45 4810 4207
. Fax: +45 4810 4300

. E-mail: moj@niras.dk
Website: www.ngm2012.dk

11th International Symposium on Landslides
Date: 2 - 8 June 2012
Location: Banff Springs Hotel, Banff, Alberta, Canada
Language: English
Organizer: Canadian Geotechnical Society
. Contact person: Corey Froese
. E-mail: Corey.Froese@ercb.ca
Website: www.ISL-NASL2012.ca

34th International Geological Congress (34th IGC)
Date: 5 - 10 August 2012
Location: Convention and Exhibition Ctr , Brisbane, Queensland, Australia
Language: English
Organizer: IUGS
• Contact person: For full contact details see - http://www.34igc.org/congress-manager.php
• Address: 34th IGC, PO Box 177
Redhill
Queensland 4059
Australia
• Phone: 61 7 3368 2644
• Fax: 61 7 3369 3731
• E-mail: info@34igc.org
Website: www.34igc.org/index.php

GA2012 - Geosynthetics Asia 2012 - 5th Asian Regional Conference on Geosynthetics
Date: 10 - 14 December 2012
Location: Centara Grand, Bangkok Conv Ct , Bangkok, Thailand
Language: English
Organizer: IGS-Thailand
• Contact person: GA2012 Secretariat
• Phone: +66-2-524-5523
• Fax: +66-2-524-6050
• E-mail: igs-thailand@ait.ac.th or acsig@ait.ac.th
Website: www.set.ait.ac.th/acsig/GA2012/

FOR FURTHER DETAILS, PLEASE REFER TO THE ISSMGE WEBSITE - http://addon.webforum.com/issmge/index.asp

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N-0806 OSLO
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Geotechnology Section
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Exton PA 19341, United States

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Dolapdere cad. 255, Şişli - İstanbul 80230
TURKEY

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Fabrikstrasse 13-15
48712 Gescher
Germany

Zetas Zemin Teknolojisi AS
Merkez Mah. Resadiye Cad. No. 69/A
Alemdag, Umraniye
Istanbul, 34794 TURKEY

Siemens Energy
Kaiserleistrasse10
63067 Offenbach
GERMANY

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Beirut, LEBANON

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Pinheiros CEP-05402-600
São Paulo/SP
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8/12 Mars Road
Lane Cove West
NSW, 2066
AUSTRALIA

Tecnogeo Engenharia e Fundações Ltda
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São Paulo/SP - 05533-000
Brazil

Brasfond Fundacoes Especiais SA
Rua Olimpiadas, 200, 13º Andar
Cep: 04551-000 Vila Olímpia
São Paulo / SP
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A.P. van den Berg
źzerweg 4
8445 PK Heerenveen
The Netherlands

Huesker Ltda
Attn: Flavio Teixeria Montez
Rua Romualdo Davoli, 375
Cond. El Dorado
CEP 12238.577 São José dos Campos SP
BRAZIL

AECOM Asia Company Ltd
Attn: Dr Axel KL Ng
8/F, Tower 2, Grand Central Plaza
138 Shatin Rural Committee Road
Shatin, NT
Hong Kong

Novatecna Consolidações e Construções S/A
Attn: Giorgio GuatteriRua Banibás 142São Paulo/SP
Brasil

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The Foundation of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) was created to provide financial help to geo-engineers throughout the world who wish to further their geo-engineering knowledge and enhance their practice through various activities which they could not otherwise afford. These activities include attending conferences, participating in continuing education events, purchasing geotechnical reference books and manuals.

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- **Platinum: $25,000 to $49,999**
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    https://www.briaud.com and
    http://ceprofs.tamu.edu/briaud/
- **Gold: $10,000 to $24,999**
  - a. International I-G-M
    http://www.i-igm.net/
  - b. Geo-Institute of ASCE
    http://content.geoinstitute.org/
  - c. Japanese Geotechnical Society
    http://www.jiban.or.jp/
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  - a. Prof. John Schmertmann
  - b. Deep Foundation Institute
    www.dfi.org
  - c. Yonsei University
    http://civil.yonsei.ac.kr
  - d. Korean Geotechnical Society
    www.kgshome.or.kr
  - e. CalGeo – The California Geotechnical Engineering Association
    www.calgeo.org

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f. Prof. Ikuo Towhata http://geotle.t.u-tokyo.ac.jp/
towhata@geot.t.u-tokyo.ac.jp

- **Bronze: $0 to $999**

a. Prof. Mehmet T. Tümay http://www.coe.lsu.edu/administration_tumay.html
mtumay@eng.lsu.edu

b. Nagadi Consultants (P) Ltd

www.nagadi.co.in

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