

CONFERENCE REPORT:**The 18th INTERNATIONAL CONFERENCE ON SOIL MECHANICS 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.



During the dinner



After the dinner

NEWS ON RECENT CONFERENCE

The 5th international Young Geotechnical Engineers' Conference - iYGEC 2013

Yu-Jun Cui

Chair of the Organizing Committee of 5th iYGEC

The fifth international Young Geotechnical Engineers' Conference - iYGEC 2013 was held on 31st of August and 1st of September, 2013, at Ecole des Ponts Paris Tech (ENPC) under the auspices of the French Society for Soil Mechanics (CFMS) and the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). The Organising Committee was composed of: Yu-Jun Cui (Chair), Fabrice Emeriault (Co-chair), Séverine Beaunier, Fahd Cuira, Siavash Ghabezloo, Jean-Michel Pereira, Hugo Ravel, Michael Reboul and Anh Minh Tang. The contribution of the following volunteer PhD students was greatly appreciated: Rawaz Muhammed, Trong Vinh Duong, Hamza Menaceur, Sadok Feia, Linh Quyen Dao, Simona Saba, Jean-François Bruchon and Radja Elandaloussi.

The iYGEC conference series aims at bringing together young people who may be studying for a PhD or Msc or at the early stage of their career in industry or academia, and enables them to communicate with each other and to share their experience in their academic and professional activities. Traditionally, the participants are selected by their respective ISSMGE Member Societies - i.e., two nominees per Member Society. For this fifth edition of iYGEC, in order to further promote the exchanges, the participation was extended to all young geotechnical engineers. This was done without losing the iYGEC's tradition: thus, a mixed format was adopted with nominees and non-nominees.

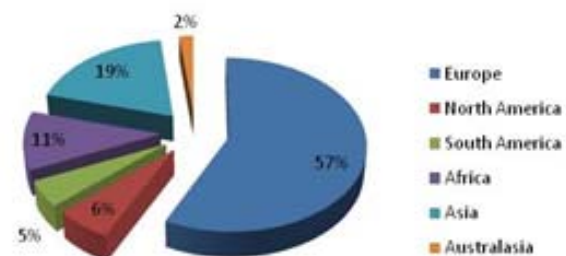


Fig. 1. Participation of countries by continent



Fig. 2. Picture of all the participants

In total 164 young engineers participated in the event, with a distribution as 60% nominees and 40% non-nominees, 55% academia and 45% practitioners, and 70% men and 30% women. 57 countries were represented with a repartition by continent shown in Fig. 1. Fig. 2 is the picture of all the participants.

RECIPIENT OF KEVIN NASH GOLD MEDAL DURING THE 18TH ICSMGE IN PARIS

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



The recipient is to be selected by a committee composed of the Past Presidents of the International Society, chaired by the immediate Past President, and the announcement will be made at the opening of each International Conference. Presidents and Past Presidents are not eligible to receive the Award. The ISSMGE secretariat will write to the Member Societies, asking them to forward nominations for recipients of the Kevin Nash Gold Medal to the Immediate Past President.



Professor Heinz Brandl - flanked by all ISSMGE-Presidents of the past 20 years (left: P. Seco e Pinto, W. Van Impe; right: J.L. Briaud, K. Ishihara, M. Jamiolkowski), thus underlining their high appreciation of his lifework

The most recent recipient of the Kevin Nash Medal was announced during the ICSMGE in Paris. This honourable person is Prof. Dr. Heinz Brandl, Vienna University of Technology, Austria. Professor Brandl has been a full professor for geotechnical engineering since 1977, chairing the Geotechnical Institute founded by Professor Terzaghi in 1928 at the Vienna University of Technology, Austria, until 2009 and is now active as Professor Emeritus.

His creative work comprises about 530 scientific publications (including 21 books) partly translated in 18 languages. He also published on philosophical aspects and on ethics in our profession. Prof. Brandl delivered more than 500 invited lectures, e.g. the 2001 Rankine Lecture or the 2010 Giroud Lecture of IGS, and he has been active worldwide since 1968 as chairman, general reporter, keynote lecturer etc. at numerous international conferences on geotechnical engineering, geosynthetics, road and environmental engineering on all continents.

RECIPIENT OF KEVIN NASH GOLD MEDAL DURING THE 18TH ICSMGE IN PARIS (CONTINUED)

Since 1963 he has been fully responsible for about 4000 projects of civil engineering, geotechnical and hydro engineering, road and railway engineering, structural and environmental engineering, thus intensively combining research and development, theory and practice with a strong interdisciplinary view.

His innovations represent important advances in civil engineering, geotechnical and environmental engineering. He was a manifold geotechnical pioneer, for instance of interactive designing with contingency plans, advanced earthworks, soil stabilization and deep soil improvement, freezing-thawing problems, spectacular retaining structures (up to 70 m height), pre-stressed ground anchors (up to 130 m length already 40 years ago), outstanding underpinning, slope and rock engineering, geosynthetics, landfill engineering and geothermal geotechnics.

Prof. Brandl has been a member of several international scientific committees within the ISSMGE and related Societies. Since 42 years he has been President of the Austrian Member Society of ISSMGE; thus he is worldwide the longest serving chairman in the ISSMGE's history. From 1997 to 2001 he was European Vice-President of the ISSMGE. He is a member of the editorial board and reviewer of several scientific journals worldwide. Prof. Brandl received numerous national and international awards, and other honours.

What follows is his vote of thanks that was made during the Opening Ceremony of the Paris Conference.

*Mr. President,
Dear Past Presidents,
Ladies and Gentlemen,*

It gives me great honour and pleasure having been awarded the prestigious Kevin Nash Gold Medal today. Thank you so much.

This year it's just 50 years that I started my career in Geotechnical Engineering. As an ISSMGE Council Member, voting for Austria since 45 years I have known personally all giants of our profession in this period, hence also Prof. Nash, and dominating personalities of related societies (e.g. Rock Mechanics, Geosynthetics, Road and Hydro engineering).

Due to the geographical position and historical roots of the Terzaghi Institute at the Vienna University of Technology my view has been from the very beginning also to Eastern Europe. This was nearly 30 years an exciting challenge due to the "Iron Curtain" that separated Europe. The "Danube European Conferences for Geotechnical Engineering" were the first Events in Europe, which brought together colleagues from either side. Next year we will celebrate the 50th Anniversary in Vienna, and I do hope that many of you will join us.

In the year 2000 Board and Council of ISSMGE decided to support the Geotechnical Heritage Museum in Vienna focusing on the era of K. Terzaghi. I am still working on this "vision" which will contain also exhibits from outstanding contemporaries of K. Terzaghi and from professionally related personalities (mainly rock engineering) - partly up to the present. Any support from your side - worldwide - is highly welcome.

Another aim is my historical book on our profession, focusing on the European Member Societies of ISSMGE and related Societies; new details can be expected.

I would like to end with a recommendation to the younger colleagues here in the hall: Try to combine theory with practice as it was already the most successful way of K. Terzaghi, A. Casagrande, R. Peck, Alex Skempton and other pioneers of our profession. Moreover, don't stick only to one narrow topic in the wide field of geotechnical engineering, but dip into its versatility and interdisciplinary challenges.

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 2 - With Albanian participant from AGS International Conference (Prof. Dr. Luljeta Bozo, Mr. Skender Allkja, Olsi Koreta)



Photo 3 - With Prof. Jean Luis Briaudat 18th at gala dinner

(4) Assem Issina, L.N. Gumilyov Eurasian National University in the City of Astana, Kazakhstan

The 5th International Young Geotechnical Engineers Conference (5th IYGEC), "Advances in Soil Mechanics and Geotechnical Engineering", was a very successful and unique experience. The conference was held at National School of Bridges and Roads (Ecole des Ponts ParisTech), Paris, France. There were more than 140 young participants from France, Kazakhstan, USA, UK, China, Japan, Germany, Canada, Korea, Russia, Singapore, Malaysia, Sweden, India, Taiwan, Italy, Austria, Australia, Norway, Spain, Belarus, Lebanon, Sudan, Turkey, Romania, Ukraine, Portugal, Netherlands, Poland, Hungary, South Africa, Brazil, Finland, Vietnam, Ireland, Iran, Egypt, New Zealand, Greece, Serbia, Argentina, Slovakia, Belgium, and Slovenia. In addition, the conferences also provide a great opportunity for young geotechnical engineers to successfully demonstrate leadership, build network, and exchange beneficial knowledge among others and famous scholars.

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)

myself to achieve their professional dreams as an individual and through organizations like ISSMGE Foundation.



Photo 2 - Opening Ceremony of 18th ISSMGE



Photo 3 - Cultural Event at 18th ISSMGE



Photo 4 - ISSMGE Booth at 18th ISSMGE (Professor Jean-Louis Briaud signing his book)

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 5 - Of Course...Paris...

(10) RAKOTOMALALA Lucie, University of Mahajanga, MADAGASCAR

At the time of the 18th International Conference on Soil Mechanics and Geotechnical Engineering, I have an overview of geotechnical know-how for any kind of construction, Knowledge of new methods for teaching Geotechnics and I saw new equipment.

I could meet my colleague and discuss with them many points for the development of geotechnical engineering in Africa and Madagascar.

Exhibition

I have seen various materials for soil investigations, geotechnical and structural monitoring instruments:
 drilling, laboratory and software
 A complete range of compact and multipurpose specific rigs
 A large range covering all water wells drilling from small to large depth
 The latest of Menard-style pressuremeter Exhibition catalogue

Meeting with members of CTGA

This is the first time that I could meet my fellow geo-technicians of Africa. We could discussed the following points:

- 1- Young African Geotechnical Engineers
- 2- Corporate Associates.
- 3- Seminars by African Societies
- 4- Aim for an African Code of Practice
- 5- Regional Technical Committees

There is a need to encourage the formation of Technical Committees to address problems and specific needs for Africa 6-Increase the number of African countries, by asking each society to encourage and help a nearby country to form a society, or even better, adopt a country and provide feedback on any obstacles.

This congress was very beneficial for me because that allowed me to acquire knowledge and to improve teaching of geotechnical engineering in Madagascar. Also I present all my thanks to the ISSMGE Foundation to have to grant a purse which allowed me to take part in it

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 1 - Meeting with Claude Plumelle

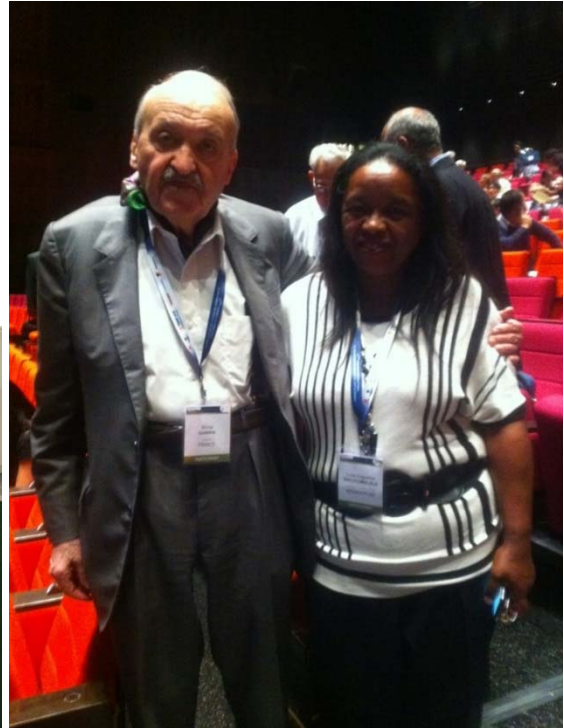


Photo 2 - Meeting with Michel Gambin

(11) Menzer Pehlivan, Ph.D., Mueser Rutledge Consulting Engineers, New York, USA

I have recently obtained my doctoral degree in geotechnical engineering from The University of Texas at Austin in May 2013 and I am currently working as a Geotechnical Engineer at Mueser Rutledge Consulting Engineers, New York. I have taken numerous leadership positions in national level with the student chapter of the Geo-Institute of ASCE during my graduate studies, thus I believe the value of getting involved with the professional organizations. This year, I have elected as the national nominee for the 18th International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE) in Paris by The Turkish National Society for ISSMGE. I have been honoured and, at the same time, flattered with this opportunity to represent my country in international level. However, being a graduate student I have needed financial support to attend to the 18th ICSMGE, therefore I have applied to ISSMGE Foundation Award.

Receiving this award enabled me not only to attend to the 18th ICSMGE conference in Paris with the honour of representing my country but also it helped me to develop connections and make presence in international field of geotechnical engineering. I have participated to my first committee meeting with Turkish National Committee where I have met and mingled with the other members and discuss our involvement in international geotechnical engineering arena. At the same time, I have had the chance to interact with professionals from different countries and the famous professional of geotechnical engineering. Moreover, attending to the lectures of distinguished professionals, I have learned the recent advances in broad scale of geotechnical engineering practice. As a young engineer in geotechnical field, the value and benefits of attendance to a conference like ICSMGE which exposes you to inspiring professional is invaluable. Therefore I am grateful to receive the ISSMGE Foundation Award.

The ISSMGE Foundation Award gives a chance to young professionals or any professional, with insufficient funds, who are willing to contribute to the geotechnical field and society. For a young professional like me, attending to an international conference is nothing but inspiring to do more and to carry our profession to the next level. ISSMGE increases the professional involvement and appreciation for the importance of professional organization not only in academia but also in practice within the young generations with this award. The importance of attending and being involved in an international

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)

professional organization also helps engineers to be aware of the advances in other countries and help to increase the collaboration, which I believe to be the one of the goals of ISSMGE.

Finally, I would like to take this chance to once again express my sincere gratitude to the ISSMGE Foundation for giving me the award, which enabled me to attend to 18th ICSMGE.



Photo 1 - Prof. George Gazetas



Photo 2 - Prof. Jean-Louis Briaud

(12) Miloš Marjanović, Ph.D, University of Belgrade, Faculty of Mining and Geology, Serbia

The 5th International Young Geotechnical Engineers' Conference has been organized by the ISSMGE in cooperation with French Society for Soil Mechanics and Geotechnical Engineering (CFMS) and École des Ponts ParisTech which has hosted the conference. The conference was routinely handled by Dr Cui and his team, and the organization was on a high level covering all details from welcoming, respecting the time-schedule, equipping the participants, technical support during the presentations, catering and organizing social events...

As a continuation of a good tradition, 5th iYGEC invited young engineers from all over the world, and for the first time non-nominees (that have not been recommended by their national ISSMGE society branches) were also welcomed. The turn-out was therefore bigger than the organizers had expected. There were 164 participants and 143 research papers have been presented and published in the conference proceedings. The conference lasted for two days (31.8-1.9.2013) and it was structured in three parallel sessions. Each session lasted for about an hour and a half, during which at least five presentations have been introduced and discussed (10 minutes for presenting and 5 for discussing). The session topics covered practically all geotechnical engineering aspects.

The daily program included several breaks, but those were all actually constructive after-session discussions interrupted by occasional sips of coffee and bites of French delicacies. The venue (École des Ponts) was therefore wisely chosen, because it was isolated and remote enough to keep all participants away from the temptations of Paris and concentrated on the conference. The social event (in the evening of the first conference day) was a different story, since the organizers made an effort to host a great social dinner in the heart of Paris in a wonderful atmosphere of a local restaurant.

From my angle, the conference was a great success: many topics have been discussed, contacts have been established, the awards, reports, and the opportunity to participate at the main ICSMGE event was highly motivating for all of us. It was only a little bit difficult to follow all interesting topics in three parallel sessions. I have personally learned a lot from my colleagues and particularly fruitful was a discussion with Huina Yuan about modern trends of computer science, machine learning in particular, and their application in FEM modelling and simulation. It will surely bring new ideas in my practice that had already been related to machine learning, and perhaps new collaboration.

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)

special lectures and two best presentations selected from IYGEC'13 were also presented during the plenary sessions. The discussion forum on innovation and practice was highly motivating.

On 4th and 5th of September there were oral presentations of papers in parallel discussion sessions on a wide spectrum of topics in Geotechnical engineering. Poster presentations organized in parallel also aided in interaction and knowledge sharing with the fellow participants. Workshops organized by the TCs of ISSMGE provided immense opportunity for widening knowledge in various topics of geotechnical engineering. On the last day of the conference a field visit was organized and it helped me in learning about the geology of Paris.

The participation in the conference has enabled me learn from the leaders of the profession. The contacts gained and the discussions I had with professionals in my area of research have improved my vision and equipped me with new ideas to explore on. I would like to express my sincere thanks to ISSMGE foundation for providing financial support for participating and presenting in the conference.



Photo 1 - Indian team at ICSMGE, Paris 2013

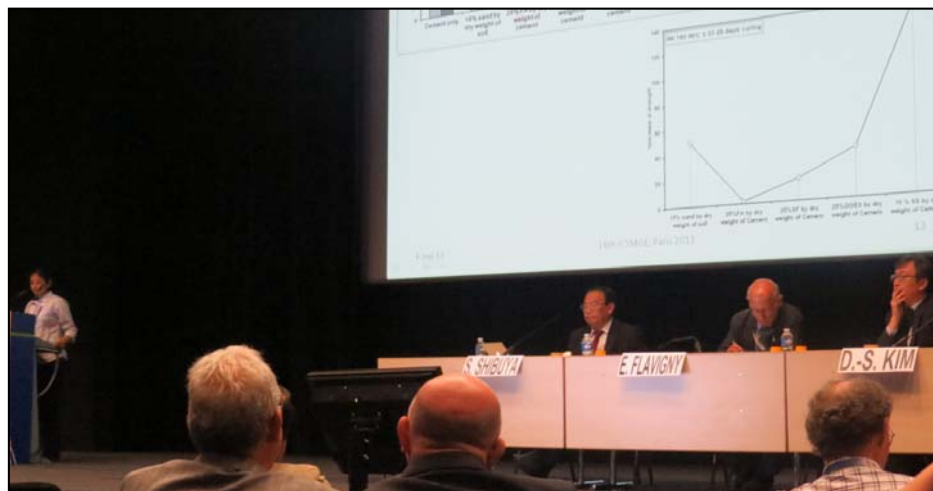


Photo 2 - During my presentation in TC 101, Session II (Strength properties and treated soils)

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 3 - With Prof. John Burland during the conference

(20) Dr. Talal Awwad, Damascus University, Syria

The 18th International Conference on Soil Mechanics and Geotechnical Engineering (18th ICSMGE) which took place in Paris, France was hosted by the French Society for Soil Mechanics and Geotechnical Engineering (CFMS). The main theme of the Conference was “Challenges and Innovations in Geotechnics”. The five-day conference started with registration of the participants on the 2nd of September, 2013 and ended at 6th. The conference was flawlessly organized and relatively well attended.

The conference started on Monday September 2nd with opening session which was followed on 2nd and 3rd by Honour and Special Lectures in Great Amphitheatre. These important lectures was provided by Professors: S. Lacasse (Norway), G. Gazetas (Greece), J.L. Briaud(USA), A. Sim (France), R. Jardine (UK), F. Schlosser (France), G. Calabresi (Italy), M. Randolph (Australia), C. Shackelford (USA), V. Fluteaux (France) and M. Bolton(UK).

On Wednesday and Thursday September 4th and 5th, there were parallel sessions organized by the Technical Committees. These sessions took place in Blue Amphitheatre and other conference rooms in “Palace des Congres de Paris”. The presentations and questions in Technical committees were very interesting and covered wide diverse topics, such as Preservation of Historic Sites, Earthquake Geotechnical Engineering, Numerical Methods and Physical Modelling in Geomechanics, Transportation Geotechnics, Ground Improvement, Deep Foundations and many others. I made an oral presentation at ATC19 workshop on Historical Sites about Geotechnical Issues of Historical Buildings in Syria. Many questions came from audience of this ATC 19 workshop which was held under auspices of Prof. Yoshinori Iwasaki (Japan).

On Friday September 6th, there was a Workshop “Role of Geo-Engineering for Conservation of World Heritage” organized by ATC 19: Asian Regional Technical Committee for Cultural Heritage and Historical Site -which took place in World Heritage Centre, UNESCO. The opining lecture “World Heritage in Danger in Asian and Pacific Region” was provided by Mr. Fang Jing, Chief Asia and Pacific Unit, World Heritage Centre, UNESCO. I gave an invited lecture about The Role of Soil Improvement for Conservation of Syrian Historical Monuments.

This conference provided me an excellent opportunity to meet and talk to many professors from different countries and industry leaders in the field of geoen지니어ing. I was able to talk to many potential research collaborators and to be in touch with other researchers.

I would like to deeply thank ISSMGE Foundation for their award.

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo1 - During ISSMGE Council Meeting on September 1st, where I attended as the official representative of Order of Syrian Engineers and Architectures (OSEA)



Photo 2 - ISSMGE Board (2009-2013) at Closing Ceremony of 18th ICSMGE

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 3 - At ATC 19 -Historical Sites workshop in UNESCO with International Geo-Brains



Photo 4 - During time of Gala Dinner with new President of ISSMGE Prof. Roger Frank

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)

(21) Yelbek Utepov, L.N. Gumilyov Eurasian National University in the City of Astana, Kazakhstan

The 5th International Young Geotechnical Engineers Conference (5th IYGEC), "Advances in Soil Mechanics and Geotechnical Engineering", was a very successful and unique experience. The conference was held at National School of Bridges and Roads (Ecole des Ponts ParisTech), Paris, France. There were more than 140 young participants from France, Kazakhstan, USA, UK, China, Japan, Germany, Canada, Korea, Russia, Singapore, Malaysia, Sweden, India, Taiwan, Italy, Austria, Australia, Norway, Spain, Belarus, Lebanon, Sudan, Turkey, Romania, Ukraine, Portugal, Netherlands, Poland, Hungary, South Africa, Brazil, Finland, Vietnam, Ireland, Iran, Egypt, New Zealand, Greece, Serbia, Argentina, Slovakia, Belgium, and Slovenia. This superior diversity of the participant pool has provided an excellent networking opportunity between young geotechnical engineers, world class experts, and those famous and leading scholars in the field.

According to the 5th IYGEC programme, I have been involved in participations in the first two days of the 18th International Conference on Soil Mechanics and Geotechnical Engineering (18th ICSMGE), "Challenges and Innovations in Geotechnics". The conference was held at the Paris International Conference Centre (Palais des Congres de Paris). The conference was attended by many participants. Most of them are well known professors and scientists from all over the world.

As a young geotechnical engineer and student, participation in these great events was a brilliant way for me to make contacts with leading and rising scholars in the geotechnical engineering society. I deeply appreciated the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) for providing me with this great opportunity to demonstrate leadership, build network, and exchange beneficial knowledge.

In short, I strongly believe that the benefits of attending these conferences are not limited to the time spent during the conference, but more decisively will be the strong connections that were built and bounded during the time I spent with all young rising participants, world class experts, and established scholars.

Finally, I have to express my deepest gratitude and appreciation to Prof. Askar Zhussupbekov (President of Kazakhstan Geotechnical Society, Eurasian National University, Astana, Kazakhstan) for his valuable support, encouragement, and guidance, without which the current study would not have been accomplished.

Once again, I must also acknowledge and thank the nomination of the Kazakhstan Geotechnical Society (KGS), as well as a generous grant from ISSMGE that enabled me to present my research in the 5th IYGEC. I would like to express sincere appreciation to the inspiration and encouragement for young geotechnical engineers of ISSMGE.

REPORTS TO ISSMGE FOUNDATION ON CONFERENCE ATTENDANCE (CONTINUED)



Photo 1 - The opening ceremony of the 5th IYGEC



Photo 2 - Yelbek Utepov (Ph.D. Student, Eurasian National University, Astana, Kazakhstan) giving his talk entitled "Simulation of single pile loading test in a centrifuge to predict its behaviour in real case" during the section-3 of Modelling (3c) with about 50 participants. This photo was taken on August 31, 2013.

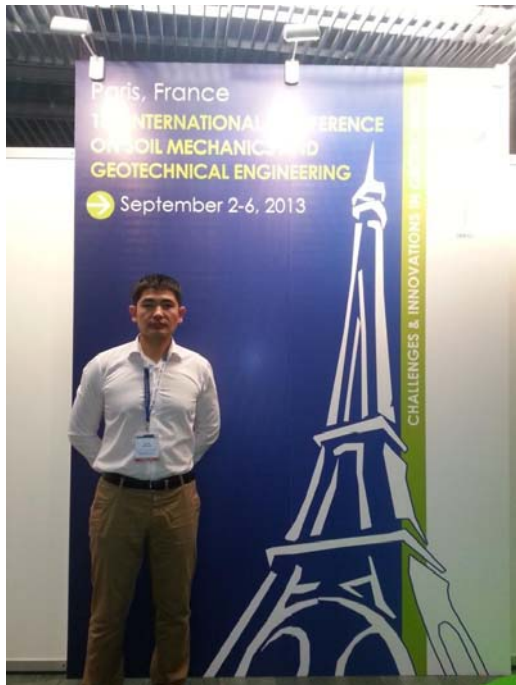


Photo 3 - Yelbek Utepov (Ph.D. Student, Eurasian National University, Astana, Kazakhstan) near the board of the 18th ICSMGE



Photo 4 - Memorable photo of Kazakhstan and USA delegates, participants of the 18th ICSMGE

NEWS ON RECENT CONFERENCE

THE 5TH KOREA-JAPAN GEOTECHNICAL WORKSHOP

Hyun CHO
Yoichi WATABE

Under the success of previous workshops (the 1st Workshop in Seoul, Korea, in 1990, the 2nd Workshop in Tokyo, Japan, in 2008, the 3rd Workshop in Ansan, Korea, in 2010, and the 4th Workshop in Kobe, Japan, in 2011), the 5th Korea-Japan Geotechnical Workshop took place in Seoul, Korea, from 17th to 18th October 2013. It attracted 50 participants (30 from Korea and 20 from Japan) and 24 papers were presented in four sessions on the first day.

Session 1: Soil Dynamics and Geotechnical Earthquake Engineering / Dams and Levees / Energy, Plant and Geoenvironmental Engineering

Session 2: Ground Excavation

Session 3: Foundations

Session 4: Ground Investigation / Slopes / Tunnel / Soft Ground Improvement

On the second day of the workshop, a technical tour was organized to visit Incheon Bridge and Gyeong-In ARA Waterway. The next workshop of this series will be hosted in Fukuoka, Japan, in the year of 2015.

Photographs taken during the conference are shown in what follows.



Photo 1 Presentation during the workshop



Photo 2 Discussion during the workshop



Photo 3 Technical tour at Incheon Bridge



Photo 4 Technical tour at Gyeong-In ARA Waterway

NEWS ON RECENT CONFERENCE

International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures

Bologna, Italy, 14-16 October 2013

The symposium was held in Bologna, Italy, to honor the research achievements of Prof. Dov Leshchinsky of the University of Delaware (USA). Dr. Leshchinsky is a world-renowned geotechnical researcher and educator in the design and practice of geosynthetic-reinforced soil structures.

The event took place for three days (14-16 October, 2013) with the first two days held at the School of Engineering and Architecture, Bologna University (Italy). The third day of symposium included joint sessions with the 26th Italian National Conference on Geosynthetics at Sala Topazio, close to SAIE Building Innovation Exhibition Center.

A total of 71 papers were selected for oral presentation. These papers have been reviewed and published in a hardcopy (751 pages, by DEStech Publications, Inc.) as well as digital version of proceedings. Limited number of copies are available (contact Hoe Ling about the cost).

Over 110 participants from more than 34 countries have participated in the symposium. The symposium consisted of several main technical sessions, as follows:

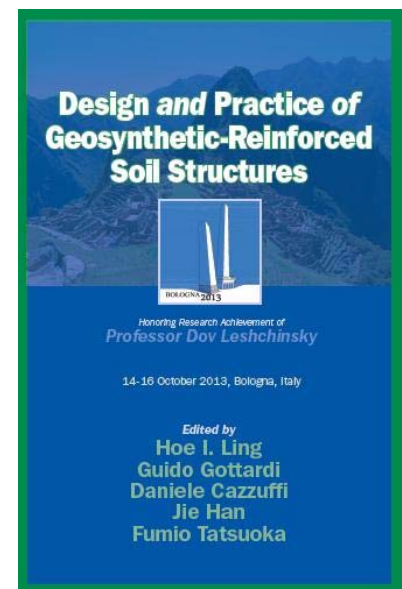
- Laboratory Testing and Physical Modeling
- Wall/Slope Design and Construction
- Pavement and Footing
- Bridge and Vertically Loaded Structure
- Embankment, Soft Ground and Geosynthetic Tube
- Application of Numerical Methods
- Case Studies of Wall/Slope and Embankment
- Case Studies of Off-shore, Road and Railway Construction

The following seven keynote lectures were delivered by the international experts:

- Leshchinsky, D. (USA): Framework for limit state design of geosynthetic-reinforced walls and slopes
- Cazzuffi, D. (Italy): Geosynthetics engineering and vegetation growth in soil reinforcement applications
- Collin, J.G. (USA): Shored MSE walls research to practice
- Koseki, J. (Japan) and Shibuya, S. (Japan): Mitigation of disasters by earthquakes, tsunamis and rains by means of geosynthetic-reinforced soil retaining walls
- Tatsuoka, F. (Japan): The importance of good compaction of the backfill and the compaction control based on the dry density and the degree of saturation
- DiMaggio, J.D. (USA): Geosynthetic-reinforced soil walls and slopes: Best practices in design and construction and reality: Why they differ
- Moraci, N. (Italy): Soil-geosynthetic interaction: Design parameters from experimental and theoretical analysis



Prof. Dov Leshchinsky delivering the special lecture



Conference Proceedings

NEWS ON RECENT CONFERENCE

International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures (CONTINUED)

Several of the keynote papers will appear in early 2014 in a forthcoming issue of the journal of *Transportation Infrastructure Geotechnology* (published by Springer); <http://www.springer.com/engineering/civil+engineering/journal/40515>

In addition to the technical presentations, several social events were organized. A welcome reception was offered in the first evening inclusive of a music concert featuring operatic excerpts by well-known 19th-century Italian composers. A banquet was organized in the second evening at Palazzo Isolani, which is one of the most beautiful and important historical buildings in Bologna. During the third day, participants were offered an opportunity to visit the SAIE Building Innovation Exhibition located near the conference venue.



Group photo taken at the School of Engineering and Architecture, Bologna University
(Photo Credit: Ben Leshchinsky)

NEWS ON RECENT CONFERENCE

International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures (CONTINUED)



Organizing committee and Italian committee members during the closing ceremony at Sala Topazio



Dov and Ora Leshchinsky greeted by Askar Zhussupbekov, immediate past Vice President of ISSMGE for Asia, inside Palazzo Isolani

NEWS ON RECENT CONFERENCE

International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures (CONTINUED)

The symposium was held under the auspices of the International Geosynthetics Society, the Italian Geotechnical Association, the Italian Chapter of IGS, the International Society of Soil Mechanics and Geotechnical Engineering (TC 101 & TC 305), the American Society of Civil Engineers Geo-Institute, Department of Civil, Chemical, Environmental and Materials Engineering of the University of Bologna, University of Delaware, and several Japanese research institutes (Public Works Research Institute, Railway Technical Research Institute and National Institute for Rural Engineering).

A total of fourteen leading firms participated as industrial sponsors (in alphabetical order): ACE Geosynthetics, ADAMA Engineering, Allan Block, Callide Technologies, Inc, Huesker Synthetic GmbH, Intergeo Services, Micheletto Pavimentazioni, Officine Maccaferri S.P.A, NAUE GmbH & Co. KG, Risi Stone Systems, TeMa Technologies and Materials srl, TENAX, TenCate Geosynthetics Asia Sdn Bhd, and Tensar International Corporation. The industrial supports helped to reduce significantly the registration fee while upholding the highest quality of the symposium.

Conference website <http://www.columbia.edu/cu/civileng/bologna2013/>

Reported by Hoe I. Ling, Guido Gottardi, Daniele Cazzuffi, Jie Han, and Fumio Tatsuoka.

NEWS ON RECENT CONFERENCE

New Zealand – Japan Workshop on Soil Liquefaction during Recent Large-Scale Earthquakes (CONTINUED)



Photo 2 Prof. S Yasuda (Tokyo Denki University) delivering his invited presentation



Photo 3 Prof. M Cubrinovski (University of Canterbury) delivering his invited presentation



Photo 4 Prof. R Boulanger (UC Davis) leading one of the discussion sessions



Photo 5 View of the workshop



Photo 6 Exchanging pleasantries during the tea break.



Photo 7 Prof I M Idriss (UC Davis) giving a speech during the workshop dinner