

Soils and Foundations Journal (Continued)

Y. Yamaguchi, M. Kondo and T. Kobori

Building damage associated with geotechnical problems in the 2011 off the Pacific Coast of Tohoku Earthquake (pp.956-974)

K. Tokimatsu, S. Tamuram, H. Suzuki and K. Katsumata

Slope failures in residential land on valley fill in Yamamoto Town (pp.975-986)

M. Hyodo, R.P. Orense, S. Noda, S. Furukawa and T. Furui

Soil liquefaction observed at the lower stream of Tonegawa River during the 2011 off the Pacific Coast of Tohoku Earthquake (pp.987-999)

Y. Tsukamoto, S. Kawabe and T. Kokusho

Seismic behavior of piled raft with ground improvement supporting a base-isolated building on soft ground in Tokyo (pp.1000-1015)

K. Yamashita, J. Hamada, S. Onimaru and M. Higashino

Reconnaissance report on damage in and around river levees caused by the 2011 off the Pacific Coast of Tohoku Earthquake (pp.1016-1032)

Y. Sasaki, I. Towhata, K. Miyamoto, M. Shirato, A. Narita, T. Sasaki and S. Sako

Akira Murakami

Professor of Kyoto University

Editor, Soils and Foundations

Some photographs in this special issue



Photo 1 Non-uniformity of dredged and filled soil



Photo 2 Damage in Urayasu City the next day

Soils and Foundations Journal (Continued)



Photo 3 Damage in Chiba City on the third day after the earthquake

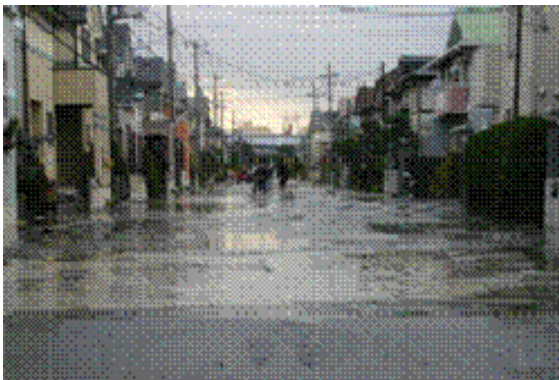
(1) at 15:16 PM



(2) at 15:19 PM



(3) at 15:21 PM



(4) at 15:22 PM



Photo 4 Sequential photos taken in Maihama of Urayasu City (taken by Mr. K. Ogawa)

Note: the main earthquake occurred at 14:46 PM on March 11th, 2011, followed by an aftershock at 15:15PM with M=7.6

Soils and Foundations Journal (Continued)



Photo 5 Heaving of a footway at Takasu in Urayasu City



Photo 6 Heaving of a footway at Takahama in Ichikawa City

Soils and Foundations Journal (Continued)



Photo 7 Thick deposit of ejected sand observed in Urayasu City



Photo 8 Large differential settlement in Shin-Urayasu Station

Soils and Foundations Journal (Continued)



Photo 9 Successful ground improvement in the Tatsumi area in a man-made island of Tokyo

(1) Outside of the house



(2) Inside of the house



Photo 10 Severe settlement and tilting of a house in Urayasu City

Soils and Foundations Journal (Continued)



Photo 11 Tilted river wall in Funabashi City

NEWS FROM MEMBER SOCIETY

Indian Geotechnical Society (IGS), New Delhi

Indian Geotechnical Society (IGS), New Delhi, India is an active member society of ISSMGE. Recently an election for the position of new office bearers of IGS was conducted in November 2012. Based on the number of votes received by various candidates, the elected committee to serve IGS during the two years term of 2013-2014 is announced as follows,

NEW IGS OFFICE BEARERS (2013-2014)

President: Prof. G.N. Gandhi
Immediate Past President: Prof. K.S. Rao
Executive Committee Members:
Prof. G.L. Sivakumar Babu
Mr. Kaushik Bandyopadhyay
Prof. A. Boominathan
Dr. R. Chitra
Prof. Deepankar Choudhury
Mr. H.H. Desai
Dr. Abhay Gupta
Dr. Anil Joseph
Dr. A. Murali Krishna
Mr. R.K. Kulkarni
Dr. H.K. Mahiyar
Dr. Satyendra Mittal
Prof. S.K. Prasad
Prof. G.V.R. Prasada Raju
Prof. H.N. Ramesh
Prof. A. Srirama Rao
Prof. C.N.V. Satyanarayana Reddy
Prof. N.K. Samadhiya
Prof. D.L. Shah
Mr. Ravikiran Vaidya
Mr. Amitava Ghosh (Institutional Member, CBRI)
Dr. J.T. Shahu (Institutional Member, IIT Delhi)
Mr. M.D. Nair (Associate Member, AIMIL)
Honorary Secretary: Mr. Jai Bhagwan
Executive Secretary: Mr. K.K. Govindan

IGS holds a prestigious annual conference known as Indian Geotechnical Conference or IGC every year through one of its 33 Chapters spread across the country. IGC-2012 was held during December 13-15, 2012 at Indian Institute of Technology Delhi, New Delhi, India under the Chairmanship of Prof. K. G. Sharma. A record number of around 700 delegates attended the Conference. Prof. Askar Zussupbekov, Vice President, Asian Region, ISSMGE participated in the Conference besides other invited Speakers from Japan, Korea, Hong Kong, Kazakhstan and Italy. The Conference also hosts every year an Annual Lecture of Indian Geotechnical Society (IGS) which is delivered by an eminent speaker on his/her topic of expertise. The 34th IGS Annual Lecture during IGC-2012 was delivered by Prof. B. R. Srinivasa Murthy, an eminent Emeritus Professor of Indian Institute of Science Bangalore, on the topic "Case Studies in Geotechnical Engineering Constructions". The venue for next year's IGC - 2013 is announced and it will be held during December 22-24, 2013 at Indian Institute of Technology Roorkee, India and IGC-2013 will be organized jointly by IIT Roorkee and CBRI, Roorkee under the banner of IGS Roorkee Chapter. For submission of abstracts/papers and for other relevant information about IGC-2013, a website www.igc2013roorkee.in is already launched.

NEWS FROM MEMBER SOCIETY (Continued)



Newly elected President, Prof. G. N. Gandhi addressing audience during Inauguration of IGC - 2012



Release of Proceedings and Souvenir of IGC - 2012 by dignitaries on dais during Inaugural Ceremony



34th IGS Annual Lecture by Prof. B. R. Srinivasa Murthy at IGC - 2012



Organizing team of IGC - 2012 during Valedictory

As pre and post IGC-2012 events, this conference IGC-2012 witnessed two such events. One day workshop as pre-conference event was held on December 12, 2012 on "Indo-Korean Workshop on Geotechnology for Urban Development (IK-GUD)", which came out as an activity between Indian Geotechnical Society (IGS) and Korean Geotechnical Society (KGS) through the MOU signed between these two societies in 2011. IGS has already signed similar agreements with National Geotechnical Societies of USA and Japan. One-day post-conference workshop was held on December 17, 2012 on "UKIERI International Workshop on Seismic Requalification of Geotechnical Structures". This UKIERI sponsored event was jointly organized by Universities of Surrey & Bristol, UK; IIT Guwahati and IIT Delhi, India in collaboration with partners from IIT Bombay and NDMA, India.

Fourth International Seminar on Forensic Geotechnical Engineering (4ISFGE - 2013) was held at Bengaluru (former name Bangalore), India during January 10-12, 2013 which was organized by ISSMGE Technical Committee TC 302 - Forensic Geotechnical Engineering, in association with IGS. On behalf of TC 302 - Forensic Geotechnical Engineering, the Chairman, Dr. V. V. S. Rao; Vice Chairman, Prof. M. R. Madhav and Secretary, Prof. G. L. Sivakumar Babu were the organizers of this event. Eminent speakers from various parts of the world assembled and shared their experiences. To name a few, Dr. Suzanne Lacasse from Norway, Prof. Malcom Bolton from UK, Prof. Rolf Katzenbach from Germany, Prof. Ikuo Towhata from Japan, Prof. Askar Zhussupbekov from Kazakhstan, Prof. C. F. Leung from Singapore, Prof. Gopal Madabhushi from UK, Prof. Yoshi Yawasaki from Japan, Dr. D. S. Saxena from USA, Prof. William van Impe from Belgium, Prof. Eduardo Alonso from Spain delivered lectures during 4ISFGE 2013, in addition to Indian expert speakers.

NEWS FROM MEMBER SOCIETY (Continued)



Delegates of 4ISFGE-2013 at Bengaluru, India



Alexander von Humboldt Fellows from India with German delegates at 4ISFGE-2013, Bengaluru, India



Newly elected VP Asia, Prof. Ikuo Towhata in discussion with TC 212 Secretary, Prof. Deepankar Choudhury during lunch session of 4ISFGE-2013

A large number of about thirty delegates from India had attended the International Conference on Ground Improvement and Ground Control (ICGI-2012), which was held at University of Wollongong, NSW, Australia during October 30 to November 2, 2012. Among various invited speakers, Prof. M. R. Madhav and Prof. Deepankar Choudhury from India delivered invited lectures during ICGI-2012.

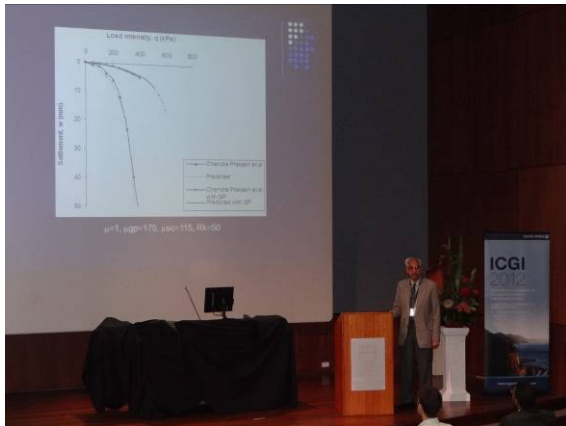


Indian delegates at ICGI - 2012, Wollongong, Australia

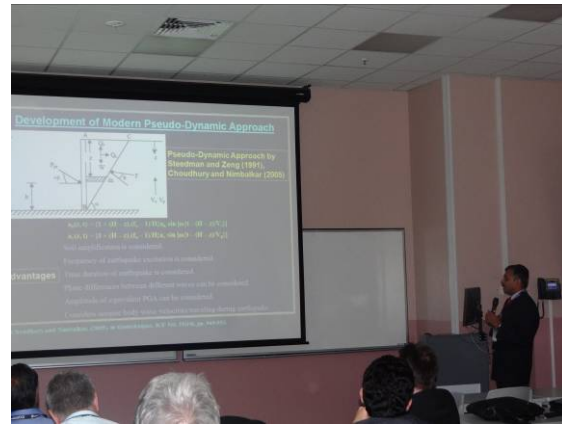


Some of the Indian delegates at Exhibition hall of ICGI-2012, Wollongong, Australia

NEWS FROM MEMBER SOCIETY (Continued)



Prof. M. R. Madhav delivering his Invited Lecture at ICGI-2012, Wollongong, Australia



Prof. Deepankar Choudhury delivering his Invited Lecture at ICGI-2012, Wollongong, Australia

One day national seminar on the topic 'Embankments: Design and Construction' was organized by IGS Chennai Chapter on March 9, 2013 at IIT Madras, Chennai, India. The event was coordinated by Prof. A. Boominathan, Prof. M. Mutharam, Dr. V. Balakumar and Mr. I. V. Anirudhan. Invited speakers, namely, Prof. G. N. Gandhi, Prof. M. R. Madhav, Prof. K. Rajagopal, Prof. S. R. Gandhi, Prof. S. V. Ramaswamy, Prof. Deepankar Choudhury, Prof. S. K. Prasad, Prof. V. K. Stalin, Prof. J. T. Shahu, Prof. R. G. Robinson, Dr. R. Chitra, Mr. Ughandar talked about various design and construction activities of embankments in India. After the one day event, the newly elected Executive Committee members of IGS had assembled for 194th Executive Committee meeting where various ISSMGE activities and active participation of IGS in those activities including the forthcoming 18ICSMGE Paris 2013 were discussed in length.



194th Executive Committee meeting of newly elected Executive Committee Members of IGS at IIT Madras, Chennai, India on March 9, 2013

Indian Geotechnical Society (IGS) publishes Indian Geotechnical Journal (ISSN: 0971-9555) with M/s Springer publication. IGS has been publishing this quarterly Journal IGJ with one volume in every year and it is in its 43rd volume in 2013. After joining with Springer since 2012, Indian Geotechnical Journal (IGJ) is now able to reach more international audiences/readers and the published papers are now indexed in various publication units like SCOPUS and Web of Science. IGJ invites all researchers to submit their valuable research findings in any area of Geotechnical Engineering through the online submission (<https://www.editorialmanager.com/igtj/>) to IGJ.

Details about various activities of IGS can be viewed at website: <http://www.igs.org.in>

NEWS ON RECENT CONFERENCE

XIXth Károly Széchy Memorial Session, First Young Geotechnical Engineering Meeting, and XXIIInd Geotechnical Evening Forum Budapest, 15th of February, 2013

The Hungarian National Committee of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) jointly with the Engineering Section of the Hungarian Academy of Sciences and Geotechnical Section of the Hungarian Chamber of Engineers celebrated the XIXth Károly Széchy Memorial Session on the 15th February, 2013 at the Great Lecture Hall of the Hungarian Academy of Sciences, with 200 persons attending the event. In the morning the inaugural meeting of the Association of Young Geotechnics was held at the central building of the Budapest University of Technology and Economics.

The members who have founded the association came from three Hungarian Universities; they were PhD and MSc students. The association is closely related to the ISSMGE HNC, and they plan quarterly meetings to discuss the results of their research, support and inform each other, listen to lectures of guest speakers, and workshop-like meetings are held. In the inaugural meeting 70 young people participated, and listened to Professor John Burland's answers to their question, and then listened to the presentation of three young people.



Participants of the first Hungarian Young Geotechnical Engineering Meeting