

AGSSEA NEWS

MARCH 2013



18 – 21
February 2013

FEATURE ARTICLE: Visits and Touring Lectures by ISSMGE President to Hanoi and Bangkok

The visits and touring lectures by Prof. Jean-Louis Briaud, ISSMGE President to Hanoi and Bangkok in February 2013 coincided with the celebration of the Chinese New Year (aka Lunar New Year) which started on the 9th February (Chinese New Year' Eve) and ended on the 15th day which was on the 24th February. 2013 is the year of the black Snake. In the Chinese culture, snakes are associated with tenacity and cleverness. Hence, it was most befitting to begin the year with a 2-day seminar held at the National University of Civil Engineering in Hanoi from 18 – 19 February 2013 followed by a 1-day seminar at the Chaphya-park Hotel in Bangkok on 21 February 2013. Both events were attended by more than 100 participants.

EVENTS

The visits and touring lectures in Hanoi and Bangkok was mooted by Prof. Jean-Louis Briaud himself. He wrote to Prof. A. S. Balasubramaniam in October 2012. Subsequently, Dr. Ooi Teik Aun promoted the idea to VSSMGE (Vietnam) and TGS and SEAGS (Thailand). Prof Tien of VSSMGE, Drs. Suttisak and Apiniti of TGS and Prof Bergado of SEAGS, all responded positively to the idea. With the combined effort from all parties, the visits and touring lectures went on smoothly and successfully.

As the ancient Chinese wisdom says a Snake in the house is a good omen because it means that your family will not starve. Indeed, all the invited lecturers and guests were treated to a sumptuous feast and the President himself acknowledged that it was hard for him to say good-bye.

This newsletter gives an account of the event that took place in Hanoi and Bangkok.

2-DAY SEMINAR ON “GEOTECHNICAL ENGINEERING FOR GREEN DEVELOPMENT – GEGD 2013” in VIETNAM

The 2-day seminar was held at the National University of Civil Engineering (NUCE) in Hanoi on 18th and 19th February 2013. It was organized by the Vietnam Society of Soil Mechanics and Geotechnical Engineering (VSSMGE), National University of Civil Engineering (NUCE), AA-Corp and Roscience. It was supported by the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), Association of Geotechnical Societies in Southeast Asia (AGSSEA) and Southeast Asian Geotechnical Society (SEAGS).

The 2-day programme included the following lectures:-

Day 1:

- “State of the Art Application of Geotechnical Centrifuge Modeling in Research, Design and Forensic Engineering” by Prof. Charles W W Ng (Hong Kong University of Science and Technology, Hong Kong).
- “An Analysis on Behaviour of a Raft on Piles in CPRF by program PRAB” by Cao Hoa
- “A Study of Effectiveness of Cleaning and Grouting Bored Pile Toe at Some Locations in Ha Noi, Vietnam” by Dr. Pham Quang Hung
- “Roscience Product for Geotechnical Engineering” by Prof. John Curran & Dr. Hoang Kien (Roscience, Canada)

Day 2:

- “Behaviour of Large Mats under High Loads: Two Case Histories” by Prof. Jean-Louis Briaud (President of ISSMGE / Texas A&M University, USA)
- “Geotechnical Engineering in Vietnam: Achievements, Challenges and Opportunities” by Prof. Nguyen Truong Tien (President, VSSMGE)

- “Green Slope Engineering for Hong Kong” by Prof. Charles W W Ng (Hong Kong University of Science and Technology, Hong Kong)
- “Pile Raft Foundation for High-rise Buildings – Recent Development” by Dr. Phung Duc Long (VSSMGE)
- “MSE Wall Design to Resist Barrier Impact” by Prof. Jean-Louis Briaud (President of ISSMGE / Texas A&M University, USA)
- “Three-dimensional Centrifuge and Numerical Investigations of Pile Performance Subjected to Stress Relief due to Deep Excavation” by Prof. Charles Ng (Hong Kong University of Science and Technology, Hong Kong)
- “Dispute Management” by Ir. C K Khoo (Wan Mohamed & Khoo Sdn Bhd, Malaysia)
- “Alternative Foundation for a Sustainable Construction” by Ir. Kenny Yee (AGSSEA / Menard)
- “Foundation Engineering Method for Houses on Slope of Son Tra, Da Nang” by Dr. Trinh Viet Cuong
- “Amendment to the Engineers’ Act and Mitigation of Natural Disasters in Malaysia” by Dr. T A Ooi (President SEAGS)

1-DAY SOIL AND FOUNDATION INTERNATIONAL SEMINAR IN BANGKOK, THAILAND

The 1-day seminar was held at the Chaphya-park Hotel in Bangkok on 21st February 2013. It was organized by the Engineering Institute of Thailand (EIT) and Thai Geotechnical Society (TGS). It was supported by the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), Association of Geotechnical Societies in Southeast Asia (AGSSEA) and Southeast Asia Geotechnical Society (SEAGS).

The following lectures were delivered during the one day programme:-

- “Behaviour of Large Mats under High Loads: Two Case Histories” by Prof. Jean-Louis Briaud (President of ISSMGE / Texas A&M University, USA)
- “Amendment to the Engineers’ Act and Mitigation of Natural Disasters in Malaysia” by Ir. Dr. Ooi Teik Aun (President of SEAGS)
- “Performance and Behaviour of Deep Barrette Pile in Bangkok Subsoils” by Dr. Wanchai Teparaksa (Chulalongkorn University, Thailand)
- “Centrifuge and Numerical Investigations of Pile Performance Subjected to Stress Relief due to Deep Excavation” by Prof. Charles W W Ng (Hong Kong University of Science and Technology, Hong Kong)
- “Unsaturated Soil Mechanics and Slope Engineering in Thailand” by Dr. Apinit Jotisankasa (Kasetsart University, Thailand)
- “Levees and Overtopping Erosion” by Prof. Jean-Louis Briaud (President of ISSMGE / Texas A&M University, USA)
- “Analyses of Reinforced Embankment on Soft and Hard Foundation by K-Stiffness Method: Further Modification” by Prof. Dennes T. Bergado (Asian Institute of Technology, Thailand)

- “Tunnelling and Deep Excavations in Bangkok” by Dr. Noppadol Phienwej (Asian Institute of Technology, Thailand)
- “Alternative Foundation Technique for a Sustainable Construction” by Ir. Kenny Yee (Hon. Sec-Gen AGSSEA / Menard)
- “Dispute Management in Construction Contracts: Red Sea, Blue Ocean or Green Valley” by Ir. C K Khoo (Wan Mohamed & Khoo Sdn Bhd, Malaysia)
- “Landslide Risk Management in Thailand” by Dr. Suttisak Sorolump (Kasetsart University, Thailand).

At the end of each seminar, copies of the 2012 issues of SEAGS-AGSSEA “Geotechnical Engineering” journals were presented to the national societies and some of the local universities.

ACKNOWLEDGEMENT

AGSSEA would like to express sincere thanks to Prof. Jean-Louis Briaud for the excellent lectures and taking the time to share his work with us. Also, AGSSEA would like to thank Professor A S Balasubramaniam of Griffith University, Australia for his kind effort to initiate the whole event together with Dr. Ooi Teik Aun.

COMING EVENTS

The 18th Southeast Asian Geotechnical and Inaugural AGSSEA Conference will be held in Singapore on 29 – 31 May 2013. Registration for the conference is now open by logging in to <http://18seagc.com/regist.html>.

- There will be the SEAGS Council Meeting and AGSSEA Council Meeting tentatively scheduled for the afternoon of 29th May 2013 (Wednesday). Confirmation of time, venue and agenda for meeting will be notified in due course.
- There will be the SEAGS General Meeting tentatively scheduled for the afternoon of 31st May 2013 (Friday).

Prepared by: Kenny Yee (10 March 2013) and vetted by Dr. T A Ooi

FEATURE PHOTOGRAPHS



Prof. J-L Briaud with Prof. N T Tien



Prof. Charles Ng with Prof. N T Tien



Prof. J-L Briaud delivering his opening speech



Prof. Charles Ng delivering his lecture on centrifuge and numerical investigation of pile performance.



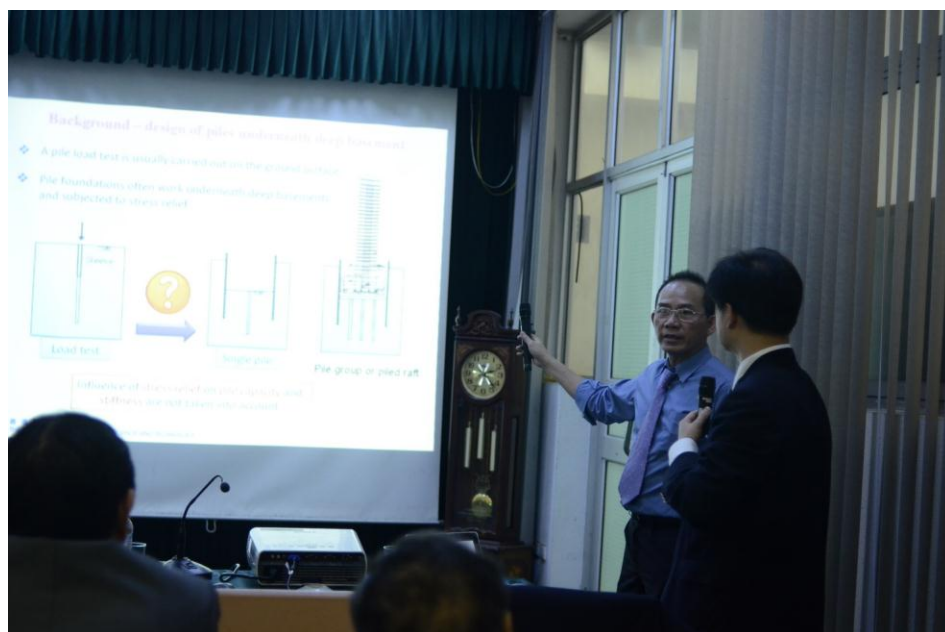
Ir. Kenny Yee delivering his lecture on alternative foundation for sustainable construction



Mr. Dr. Ooi Teik Aun delivering his lecture on amendment to the Engineers' Act and mitigation of natural disasters



Ir. C K Khoo delivering his lecture on dispute management in construction



Dr. Phung Duc Long with Prof. Charles Ng



Ir. Kenny Yee at the presentation of SEAGS-AGSSEA journals ceremony



Presentation of Geotechnical Engineering Journals to the local universities in Hanoi



Presentation of Geotechnical Engineering Journals to the 5 local universities in Hanoi (NUCE, UCT, WRU, Transportation Technology College, and Military Technical Academy)



Presentation of memento to the speakers



Presentation of ISSMGE tie to Prof. Tien from the President



Part of the participants in Hanoi



Part of the participants in Hanoi



Ir. C K Khoo, Ir. Dr. Ooi Teik Aun and Dr. Phung Duc Long



Group photograph at the end of the 2-day seminar in Hanoi



Dr. Suttisak Soralum (President, TGS), Prof. Jean-Louis Briaud (President, ISSMGE) and Dr. Ooi Teik Aun (President, SEAGS) at the opening ceremony of the 1-day international Soil and Foundation Seminar in Bangkok



Prof. J-L Briaud delivering his speech at the opening ceremony in Bangkok



Prof. Charles Ng delivering his lecture on centrifuge testing in Bangkok



Dr. Apiniti Jotisankasa delivering his lecture on unsaturated soils in Bangkok



Dr. Noppadol Phienwej delivering his lecture on tunnelling and deep excavation



Dr. Suttisak Soralump delivering his lecture on landslide risk management in Thailand



Presentation of memento to Mr. Kenny Yee by Dr. Apiniti Jotisankasa after his lecture on alternative foundation for sustainable construction



Group photograph of the speakers after the end of the seminar