

Report on 50th Anniversary Symposium of SEAGS held on 14-15 September 2017 in Thailand

By Dr. Noppadol, President SEAGS

9 November 2017

The 50th Anniversary Symposium of SEAGS was successfully held on 14-15 September 2017 in Thailand with more than 180 participants. The Symposium was made possible by the generous financial support of the sponsors and exhibitors. Their efforts to make this conference a success are greatly appreciated and acknowledged. Hard bound and soft copies of the proceedings of over 400 pages were produced and given to the participants.

The two-day symposium was jointly organized by the Thai Geotechnical Society, Southeast Asian Geotechnical Society, Association of Geotechnical Societies in Southeast Asia (AGSSEA), and AIT. Chairing the Advisory Committee was Prof. Roger Frank the President of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), who delivered the Presidential address. Delivering the welcome address were Prof. Worsak Kanok-Nukulchai, AIT President, Dr. Noppadol Phien-wej, President SEAGS, and Dr. Suttisak Soralump, President Thai Geotechnical Society. Inaugural addresses were delivered by Prof. Ikuo Towhata, VP for Asia ISSMGE, and Prof. San Shyan Lin, Chairman AGSSEA and other committee members did an excellent job to bring about a very successful event.

The Symposium consists exclusively of invited papers. There are 34 distinguished invited lecturers.

Achievements, Looking Ahead and Case Histories

1. C.W.W. Ng, J. L. Coe and A. Gunawan: State-of-the-Art Research in Geo-energy and Geo-environmental Engineering: Energy Pile and Earthen Capillary Landfill Cover System
2. R. N. Hwang and L.W. Wong: Effects of Preloading of Struts on Retaining Structures in Deep Excavations
3. T. L. Gouw: Proposed Design Guideline of Dynamic Compaction for Practicing Engineers
4. Warakorn Mairaiang and Bunpoa Kunsuwan: Vegetation Effects on Landslides in Thailand
5. Paulus Rahadjo: Selected Case Histories on Man Made Slope Failures in Indonesia

Foundations, Tunnelling & Soil Movements

6. S. S. Lin, C.K. Hsieh, C. J. Kuo, and Y. K. Lin: Finite Element Analysis to Characterize the Lateral Behavior of a Capped Pile Group
7. Zh. A. Zhussupbekov, A. R. Omarov, A. Yergen, K. Borgekova and G. Tleulenova: Piling Designing, Installation and Testing on Problematical Soil of Kazakhstan
8. D.E.L. Ong: Detrimental Effects of Lateral Soil Movements on Pile Behaviour
9. T. Hosoi, W. Koji and M. Shinya: Challenging Technologies of Diaphragm Wall and Bored Pile
10. V. Balakumar, M. Huang, E. Oh and A. S. Balasubramaniam: A Critical and Comparative Study On the 2D and 3D Analyses of Raft and Piled Raft Foundations
11. L. Ge: Liquefaction-Induced Settlement of Structures on Shallow Foundation

- 12 J. H. Yin and W. Q. Feng: Validation of a New Simplified Hypothesis B Method for Calculating Consolidation Settlement of Clayey Soils Exhibiting Creep
- 13 C.W. Boon and L. H. Ooi: Longitudinal and Transverse Interactions between Stacked Parallel Tunnels Constructed Using Shield Tunnelling in Residual Soil
- 14 M. Sugimoto, H. Tanaka, N. T. Huynh, S. Chaiyaput, L.G. Lam, and J. Chen: Study on Shield Operation Method in Soft Ground by Shield Simulation
- 15 L. J. Endicott: Innovations in Tunnelling
- 16 Suched Likitlersuang: Strength and Stiffness Parameters of Bangkok Clays for Finite Element Analysis

Ground improvement

- 17 D. T. Bergado, P. V. Long, P. Jamsawang, Na Lampun, C, and A. S. Balasubramaniam: On Prefabricated Vertical Drain (PVD) and Deep Cement Mixing (DCM)/Stiffened DCM (SDCM) Techniques for Soft Ground Improvement
- 18 C. W. Hsieh: Weaving Pattern and Lateral Confinement Effects on the Engineering Behavior of Hexagonal Wire Mesh Panels
- 19 S. C. Chian: Optimising Cement Dosage in Ground Improvement and Early Quality Control Schemes
- 20 K. J. Shou, J. Yen, and C. Y. Hsieh: Trenchless Excavations for Underground Pipelines in Difficult Geology
- 21 P. Pinto: Leziria Tagus Bridge - Ground Challenges
- 22 S. S. Liew: Common Blind Spots in Ground Investigation, Design, Construction, Performance Monitoring and Feedbacks in Geotechnical Engineering
- 23 K. Yasuhara, Yang, S. S. Horikawa, I. and Yamane, H.: Settlement of River Dykes and their Adjacent Residences on Soft Clay Deposits after the Tohoku-Pacific Ocean Earthquake in 2011
- 24 T. Al-Hussaini: Seismic Hazard Assessment Procedures - Reflection on Bangladesh
- 25 Suksun Horpibulsuk: Failure and Remedial Approach of a Riverbank Protection Structure
- 26 Suraj De Silva and Henry Wang: Reclamation for Al Raha Beach Development, Abu Dhabi, UAE

Slope Stability, Excavations and Landslides

- 27 H. J. Liao, S. Ho Cheng, and C.C. Chen: Anchors of Anchored Slopes in Taiwan
- 28 D. G. Lin: Evaluating the Efficiency of Subsurface Drainage for Large Landslides in Taiwan
- 29 G. Chao: Evaluation of Factors Influencing Expansive Soil Embankment Slope Failure
- 30 F. Ahmad, A. S. Yahaya, M. H. Halim, and M. Azmi: The Community Slope Safe Awareness Program at Bukit Antarabangsa, Kuala Lumpur
- 31 T. Awwad, S. Al Kodsí and L. Awwad: Formulating Practical Equations by Numerical Analysis Parametric Study to Determine the Location of Neutral Plane
- 32 Kaushik Mukherjee: A Standardised Detailed Reliability Based Methodology in Determining Risk on Stationary Platforms due to Shallow Gas Geohazard
- 33 I. Towhata Future Task of Geotechnics Discipline
- 34 D. H. Kim, A. S. Balasubramaniam and I. Gratchev Application of Photogrammetry and Image Analysis for Rock Slope Investigation

In conjunction with the conference, the respective council meetings of SEAGS & AGSSEA and the General meeting of SEAGS members were also held.

Dr. Geoff Chao was elected as the Honorary Secretary General of SEAGS. The SEAGS & AGSSEA also produced and distributed complimentary copies of CD on the collection of past journal papers for 1970 – 2013 during the conference. The CD will be useful to practitioners and researchers alike.



Commemoration Session "How it all started Contributions in the past 50 years and visions for the future"



Dr. Z. C. Moh: Founder President: Vision-Mission-Accomplishment



Group Photo



SEAGS Recognition Awards - Dr. Noppadol Phien-wej, President SEAGS



Welcome address: Prof. Worsak Kanok-Nukulchai, AIT President



Recognition Awards – Prof. Roger Frank



SEAGS Recognition Awards – Dr. John D. Nelson



SEAGS Recognition Awards – Dr. Ooi Teik Aun



SEAGS Recognition Awards – Prof. Dennis T. Bergado



SEAGS Recognition Awards – Prof. San Shyan Lin, Chairman AGSSEA



Dr. Geoff Chao – SEAGS, Secretary General



Inaugural addresses were delivered by Prof. Ikuo Towhata, VP for Asia ISSMGE



Dr. Suttisak Soralump, President Thai Geotechnical Society



Opening ceremony: MC: Dr. Apiniti Jotisankasa - Secretary General – Organizing Committee and the Editor of Proceedings



SEAGS & AGSSEA Council Meetings in progress