# 50<sup>th</sup> Anniversary Symposium of Southeast Asian Geotechnical Society

# SEAGS

14<sup>th</sup> – 15<sup>th</sup> September 2017 AIT Conference Center Pathumtani, Thailand

**Bulletin No.1** 









## Organized by:

## INTRODUCTION

Dr. Suttisak Soralump Dr. Noppadol Phienwej

Invitation to all geotechnical specialists from the President of the Thai Geotechnical Society and SEAGS President to attend the SEAGS 50<sup>th</sup> Anniversary Symposium on 14<sup>th</sup>-15<sup>th</sup> September 2017 at the Asian Institute of Technology Campus in Bangkok.

On behalf of the Chairman & Co-chairmen of the above conference, the Organizing Committee & the Advisory Committee, it is a pleasure to invite Geotechnical Specialists to the SEAGS 50<sup>th</sup> Anniversary Symposium on 14<sup>th</sup> -15<sup>th</sup> September 2017 at the Asian Institute of Technology Campus in Bangkok.

Symposium is jointly organized by the Thai Geotechnical Society and Southeast Asian Geotechnical Society of ISSMGE. The Advisory Committee is prestigiously chaired by Prof. Roger Frank the President of ISSMGE. Dr. Suttisak Soralump is the President of the Thai Geotechnical Society and Dr. Noppadol Phienwej is the President of SEAGS.

The Symposium consists exclusively of invited papers. There are about 35 distinguished invited lecturers. More details can be found on the Advisory Committee, the Lecture topics, biographies of the lecturers, opening ceremony, session chairmen etc as contained in the conference website. The Histories of SEAGS and AGSSEA are also contained in the conference website.

We cordially invite participants from everywhere to the beautiful AIT Campus and the scenic city of Bangkok and Thailand.

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| Ir. Yew Weng Yee (Malaysia) Dr. Phung Duc Long (Vietnam)  Ir. Thien Seng Yee (Malaysia) Dr. Pham Van Long (Vietnam)  | Dr. Wen Hui Ting             | (Malaysia)                                    | Prof. R.D. Holtz            | (USA)         |
| Ir. Thien Seng Yee (Malaysia) Dr. Pham Van Long (Vietnam)  | Ir. Yew Weng Yee             | (Malaysia)                                    | Dr. Phung Duc Long          | (Vietnam)     |
| Ir. Kenny Yee (Malaysia) Prof. Trinh Minh Thu (Vietnam)  | Ir. Thien Seng Yee           | (Malaysia)                                    | Dr. Pham Van Long           | (Vietnam)     |
|  | Ir. Kenny Yee                | (Malaysia)                                    | Prof. Trinh Minh Thu        | (Vietnam)     |

# **Programs**

# Thursday, 14th - Friday, 15th September 2017

Commemorate Session "How it all started: our contributions in the past 50 years"

Speakers: Founders and Keypersons in SEAGS.

#### CONFERENCE TOPICS



#### Session 1 Geo-Hazards and Geo-Energy

Earthquake related Geohazards I State-of-the-Art Research in Geo-energy and Geo-Environmental Engineering: Geothermal Pile and Capillary Landfill Cover System I The Case of The New Tagus River Leziria Bridge I Selected Case Histories on Man Made Slope Failures in Indonesia I Seismic Hazard Assessment Procedures - Reflection on Bangladesh I Evaluating the Efficiency of Subsurface Drainage for Large Landslides in Taiwan



### Session 2 Geotechnical Challenge and Geo-Hazards

50 years of Geotechnical Challenges in Singapore Infrastructure Development I Geotechnical Engineering Practice 1987 – 2016: Selected Topics I Settlement of river dykes and their adjacent residences on soft clay deposits I Bangkok land subsidence and groundwater recovery: to pump or not to pump I Liquefaction-Induced Settlement of Structures on Shallow Foundation



#### Session 3 Slope Stability

The modelling impact of future climate on stability of slopes I The anchors of anchored slopes in Taiwan I Applications of image processing to rock slope engineering I Sustainable stabilization of problematic soils I Evaluation of Factors Influencing Expansive Soil Embankment Slope Failure I The Community Slope Safe Awareness at Bukit Antarabangsa, Kuala Lumpur Malaysia



#### **Session 4 Foundation**

Piling designing, installation and testing on problematical soil ground of Kazakhstan I Finite Element Analysis to Characterize the Lateral Behavior of a Capped Pile Group I Challenging Technologies of Diaphragm Wall construction I A Critical and Comparative Study on The 2D and 3D Analyses of Raft and Piled Raft Analyses I Detrimental effect of lateral soil movements on pile



#### Session 5 Soil Properties

A New Simplified Hypothesis B Method for Calculating Consolidation Multiple Layers of Clayey Soils with Creep I Common Blind Spots in Ground Investigation, Design, Construction, Performance Monitoring and Feedbacks in Geotechnical Engineering I Strength and Stiffness Parameters of Bangkok Clays for Finite Element Analysis I Geotechnical Characterization and Properties of Bangkok Clay I Optimising cement dosage in ground improvement and early quality control schemes



#### Session 6 Ground Improvement

Recent developments of soft ground improvements using prefabricated vertical drains (PVD) and deep cement mixing (DCM) I Recent development in land reclamation and related soil improvement works I Recent Deep Mixing Developments in Saga Prefecture I Proposed Design Guideline of Dynamic Compaction for Practicing Engineers I Weaving pattern and lateral confinement effects on the engineering behavior of hexagonal wire mesh panels



#### Session 7 Transportation Geotechnics and Tunnelling

Recent Developments in Transport Geotechnics I Recent advances in tunnelling geotechnics: impact assessments I Deep Excavations & Tunnelling Experience in Taipei I Tunnelling Experiences in Hong Kong I Trenchless Excavations for Undeground Pipelines in Difficult Geology I Recent developments in soft ground tunnelling I Hydrological and Physical Criteria of Rainfall-Induced Shallow Landslides



## **CONFERENCE VENUE**

The conference will be held at **AIT Conference Center Pathumtani, Thailand.** 

http://www.aitcc.ait.ac.th/

# **CONFERENCE REGISTRATION FORM**

## **Conference Registration Fee**

| Category                     | Registrati                              | ion Fee (US\$)                                 |
|------------------------------|---|--|
| Participants                 | Normal<br>(Received after 31 July 2017) | Early Bird<br>(Received prior to 30 July 2017) |
| Members – TGS, SEAGS, AGSSEA | 250                                     | 200  |
| Non Members                  | 340                                     | 300  |

| No.      |              |        | Name   | e of Participa | nt(s)      |    |      | Amount   |
|----------|--------------|--------|--------|----------------|------------|----|------|----------|
| 1.       |              |        |        |                |            |    |      |          |
| 2.       |              |        |        |                |            |    |      |          |
| 3.       |              |        |        |                |            |    |      |          |
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Southeast Asian Geotechnical Engineering Society School of

**Engineering & Technology** 

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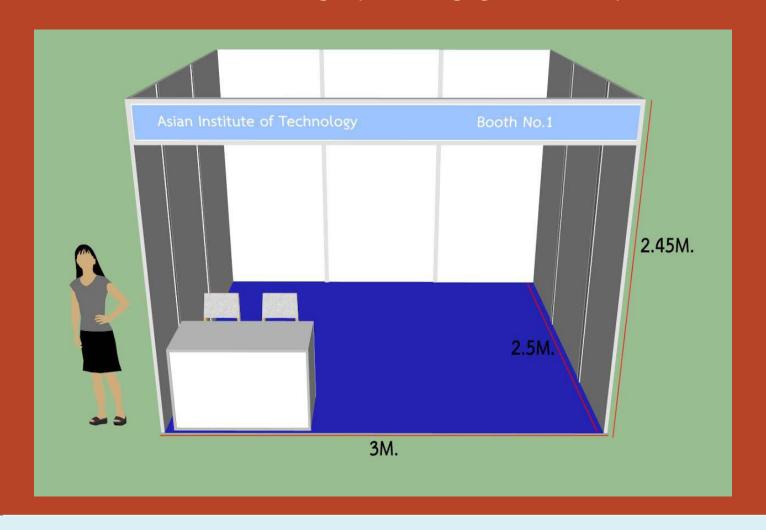
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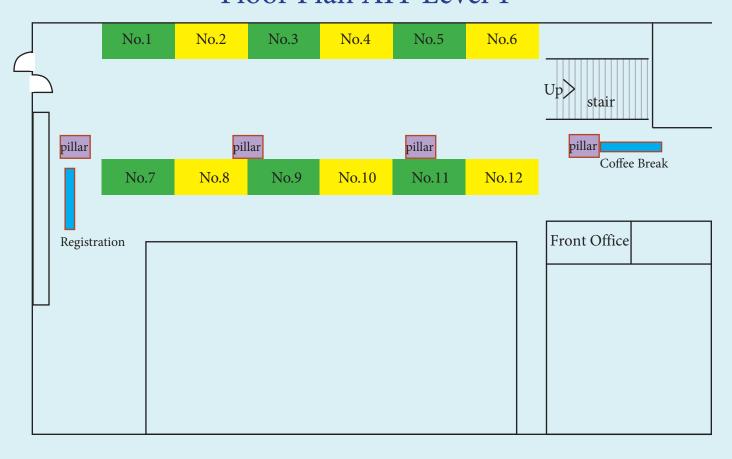
# **METHOD OF PAYMENT**

| •   | Order (add US\$ 3 for fo<br>ISTITUTE OF TECHNO                                   | 0   |
|---|--|---|
| Bank Transfer (please<br>Account Name:<br>Account Number:<br>Bank:<br>Branch:<br>Address: | Asian Institute of Te<br>468-046301-2<br>Siam Commercial Ba<br>Thammasat Univers | ank Pcl, Ltd  |
| Swift code:<br>Phone:<br>Fax:   | Thailand SICOTHBI<br>662-516-3470-1<br>662-516-3472                              | K   |
| Credit Card (for the a  | mount, add 4%)   |   |
| O Master Card   | O Visa Card O  | American Express  |
| Card Number:<br>Expiry Date:<br>Cardholder's Name:<br>Cardholder's Signatu                |  |   |
| Please add the Card ID  | for American Express. (C   | Card ID is a four -digit code printed on the face of the Card).             |
|   | ACCOM  | MODATION  |
| Please book a single/ t<br>September 2017   | win room for me at the   | AIT Center Hotel for nights staring from to                                 |
| □ Double Roo<br>□ Single Roor   | ns (new wing): oms (new wing): ons (main wing): oms (main wing):                 | 2,000 Baht / night 2,200 Baht / night 1,400 Baht / night 1,600 Baht / night |
| I don't need accommo  | dation.  |   |

# **EXHIBITION LAYOUT PLAN**



## Floor Plan AIT Level 1



|  |  |   | <u> </u>  | , ,          | FORM   |  |
|--|--|---|---|--------------|--------|--|
| Organization:  |  |   |   |              |        |  |
| Contact Person:  |  |   |   |              |        |  |
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| BOOKING FEE  | S  |   | gnature:<br>ompany Stam   | ıp:          |        |  |
| Section  | Co   | ost / Booth   | No.   | of Booths    | Total  |  |
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