

**2020 CONFERENCE OF AIT-SEAGS, AGSSEA  
AND  
ASIAN NATIONAL SOCIETIES OF ISSMGE**

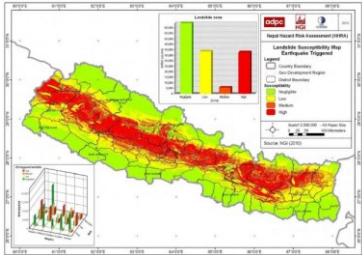








**WITH EMPHASIS ON NATURAL HAZARDS AND CLIMATE CHANGE  
STATE OF THE ART GEOTECHNICAL DEVELOPMENTS IN ASIAN  
GEOTECHNICAL SOCIETIES**

**DATE: FIRST WEEK - DECEMBER 2020**

**TIME: WILL BE ANNOUNCED SOON**

**VENUE: ROBERT B. BANKS,  
AIT AUDITORIUM  
BANGKOK  
THAILAND**

**BULLETIN NO. 1**

		
Nepal Hazard Risk Assessment	Landslide Sri Lanka	High Risk Zones India
		
Earthquakes Indonesia	Floods Japan	Bush Fire
		
Draughts	Typhoons	Dam Failure Laos



**Organized by: Asian Institute of Technology  
Southeast Asian Geotechnical Society (SEAGS)  
Association of Geotechnical Societies in Southeast Asia (AGSSEA):  
including Thai Geotechnical Society  
Asian National Societies of ISSMGE, ISSMGE  
Griffith University**



# INTRODUCTION

**The 2017, 50<sup>th</sup> Anniversary SEAGS Conference was a huge success. SEAGS-AGSSEA must continue this as a series and the next one will be in 2020. AIT Alumni now spreaded very widely in the world ensured that all went well for the 2017 event. We need to make the 2020 event also a home coming of AIT Alumni, SEAGS members, AGSSEA members, Asian National Society members etc. etc; ISSMGE is the common denominator in all these success.**

**It is thought that the three day event be splitted as contributions from Asian National Societies for the first two days on the development in each country. The third day be fully devoted to contributions from those under 35 years; that would be the spirit for the First two day as well. Preference be give to papers on Natural Hazards but not confined to only this topic.**

## **Dedicated to Dr. Za Chieh Moh for his Legendary Contributions:**

### **Dr. Za-Chieh MOH – Founder President 1967**



Dr. Za Chieh MOH graduated from the National Taiwan University in 1953 and received his Master's degree from the Iowa State University in 1955. Then he went to the Massachusetts Institute of Technology to carry out doctoral studies under Prof. T.W. Lambe, where he graduated with the Sc.D degree in 1961. Dr. Moh joined the Asian Institute of Technology (AIT) in 1965 where he established the Division of Geotechnical Engineering and subsequently became the Vice President and Provost. Dr. Moh founded the Southeast Asian Geotechnical Society in 1967 and was its Founder President until 1973. He also initiated the Asian Information Center for Geotechnical Engineering (GE) at AIT. In the international scene, he served as the Vice President for Asia of the International Society for Soil Mechanics and Foundation Engineering in the period 1973 to 1977 and as a Board member from 1989 to 1993. The research conducted by Dr. Moh has always been directed towards understanding of engineering problems concerning with the behaviour of soils, in-situ and large scale testing, performance of earth structures and improvement of soils. In early 1976, Dr. Moh moved to consulting practice and soon established his firm the MAA Group as one of the leading consultant in Asia and Southeast Asia. Dr. Moh is a Fellow of many professional institutions and is a Registered Professional Engineer in Hong Kong, Singapore, Taiwan, U.K., and USA, as well as APEC Engineer and EMF Engineer. Dr. Moh has received numerous honours and awards including Honorary Doctor of Technology from the AIT in 1999, Honorary Member of the Road Engineering Association of Asia and Australasia in 2000, Honorary Member of the Japanese Geotechnical Society in 2003, Engineering Medal from the Chinese Institute of Engineers ROC in 2012, 2016 ACECC Achievement Award from the Asian Civil Engineering Coordinating Council and Life Achievement Award from the China Road Federation in 2016, for his contribution in engineering education, practice and international activities. He has authored and co-authored more than 170 technical papers.

Dr. Za Chieh Moh was the President of the Southeast Asian Geotechnical Society in 1967 - 1973.

#### **Chairmen:**

**Dr. Noppadol Phienwej, SEAGS President**

**Prof. Suttisak Soralump, President TGS**

**Dr. Ooi Teik Aun, past President SEAGS, past- Chairman, AGSSEA**

**Dr. E. C. Shin VP for Asia ISSMGE**

**Prof. Der-Wen Chang (TKU), 16 ARC Organizer in Taiwan**

#### **Joint Secretary Generals:**

**Dr. Kuo Chieh Chao, SEAGS, Hon. Secretary General**

**Dr. Apiniti, TGS**

#### **Convener & Coordinators:**

**A.S. Balasubramaniam (Bala): Following Advice from all: Dr. C.T. CHIN, Prof. San Shyan Lin, Dr. Dominic Ong, Dr. Erwin Oh**

## **OBJECTIVES**

The prime objectives are the co-operation of AIT-SEAGS- AGSSEA, Asian National Societies of ISSMGE and others from ISSMGE to get together once in three years and participate in a major event that further develops the geotechnical engineering in the region. More details will be given as we move on.

## **PROGRAM**

Detail program will be announced soon.

## **MAIN THEMES**

**Development of Geotechnical Engineering in Asia and elsewhere. The main themes will be centred around the lectures presented by the speakers as nominated by their country. Natural hazards are considered to be importance.**

## **THEMES (General Philosophy)**

- 1. Development of Geotechnical Engineering in the Asian National Societies. Every National Society is invited to nominate speakers**



2. **Young Geotechnical engineers below the age of 35 are given top priority and these engineers are predominantly be selected from SEAGS and AGSSEA member countries and fully sponsored by them. Also engineers from other Asian National Societies.**

### **Specific Themes:**

**1. Early warning for Natural hazards (including**

**2. Use of AI, IoT and Sensors for Emergency response**

**3. Landslides hazards mapping using RS-GIS.**

### **Titles of Papers received:**

1. **Dr. Apiniti Jotisankasa (Thailand):** Appropriate technology for disasterprevention and mitigation: bio-slope stabilization, community-based landslide/flashflood early warning system, etc
2. **Prof Meei Ling Lin, Taiwan:** Slope engineering technologies against natural hazards

### **KEYNOTES (Titles will be filled in later)**

1. **Prof. Charles Ng, President ISSMGE; also from HK**
2. **Prof. E. C. Shin, Vice-President ISSMGE (from Korea)**
3. **Prof. I. Towhata past VP of ISSMGE Asia**
4. **Prof Meei Ling Lin, Taiwan: Slope engineering technologies against natural hazards**
5. **Dr. Apiniti Jotisankasa (Thailand): Appropriate technology for disaster prevention and mitigation: bio-slope stabilization, community-based landslide/ flashflood early warning system, etc.**

## CALL FOR ABSTRACTS

**Abstracts of 400 words are now called for. It is good to have them as early as possible. Initially, we give a time duration of four months and this will be extended as necessary**

## REGISTRATION FORM

**The Registration Fees which covers the Conference Proceedings, Lunch and Coffee Breaks are as follows:**

Category	Registration Fee	
Participants	Normal (US\$)	Early Bird (US\$)
Members – TGS, SEAGS, AGSSEA	US Dollars 300 for all three days	US DOLLARS 250
Other Members	US Dollars 350	Early Bird 300
Students & Engineers (age 35/younger)	200 to be paid by sponsors	
Lecturers	Same as above	

No.	Name of Participant(s)	Amount
1		
2		
3		
4		
.	Total Amount	

I will be accompanied by:      Spouse: \_\_\_\_\_      Children: \_\_\_\_\_      Guest(s): \_\_\_\_\_

**Contact Name:**

<b>Organization:</b>	
<b>Position:</b>	
<b>Mailing Address:</b>	
<b>Contact No.:</b>	
<b>E-mail:</b>	

**PLEASE COMPLETE AND RETURN WITH REMITTANCE IN FAVOR OF:**

Southeast Asian Geotechnical Engineering Society

School of Engineering & Technology

Asian Institute of Technology (AIT)

Box 4, Klong Luang, Pathumthani 12120, THAILAND

*Tel: (66) 02 524 5864*

*Email: [seags@ait.ac.th](mailto:seags@ait.ac.th)*

*Official web site: [www.seags@ait.asia](http://www.seags@ait.asia)*



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