

International Workshop on Geotechnical Natural Hazards - The 7th Taiwan-Japan Joint Workshop on Geotechnical Hazards from Large Earthquakes and Heavy Rainfall

September 20 - September 23, 2016
Pingtung, Taiwan

Organized
by

Taiwan Geotechnical Society
Japan Geotechnical Society
National Pingtung University of Science and
Technology
Asia Technical Committee 3 of ISSMGE
Bureau of Soil and Water Conservation
Directorate General of Highways
Ministry of Science and Technology, ROC

Goal

To share knowledge and establish Joint Research Framework for future collaboration among Japan, Taiwan, and other Countries on Geotechnical Natural Hazards

Theme

1. State of the art on evaluation and mitigation of earthquake and heavy rainfall induced damage.
2. Risk management and advance monitoring technology on large landslide and debris flow.
3. Development of design codes and specifications on geotechnical seismic and extreme weather design.
4. Advance in numerical modeling and experimental work in geotechnical structures.
5. Case studies of performance analysis of geotechnical structures during natural hazards

Venue

***International Conference Room,
National Pingtung University of Science and
Technology, Pingtung, Taiwan***

NPUST, located on a hillside in northeastern Neipu Township in Pingtung, occupies 285 hectares adjacent to Da-Wu Mountain and Dong-Gang Creek with the largest and most beautiful campus in the nation. The arrangement and construction of each campus building was based upon the topography of the campus landscape. NPUST has enjoyed the reputation of being a "National Park University." The campus is impressively gorgeous like a natural park possessing countryside characteristics with

extensive fields of view, picturesque scenery, and peaceful atmosphere.



Schedule:

Sept 20-21 Technical tour, mitigation work of Li-Shan, visit Mt. Hehuan and earthquake landslide spot
Sept 22 Registration and open ceremony and reception dinner
Sept 23 Technical sessions, close ceremony

Advisory Committee Members

Chairman: Prof. Chang-Yu OU (Taiwan)
Prof. Kenji Ishihara (Japan)
Prof. Takaji Kokusho (Japan)
Prof. Susumu Yasuda (Japan)
Prof. Ikuo Towhata (Japan)
Prof. Cheng-Hsing Chen (Taiwan)
Prof. Rong-Her Chen (Taiwan)
Prof. Meei-Ling Lin (Taiwan)
Prof. Hung-Jiun Liao (Taiwan)

Prof. Hong-Dar Lin (Taiwan)
Mr. Yung Kuang Lin (Taiwan)
Prof. Joe Tzou-Shin Ueng (Taiwan)

Organizing Committee members

Chairman: Prof. Tien-Chien Chen (Taiwan)
Secretary General: Prof. Wen-Shinn Shyu
Prof. Chiwan-Wayne Hsieh (Taiwan)
Prof. Miao-Bin Su (Taiwan)
Prof. Ming-Lang Lin (Taiwan)
Prof. Jia-Jyun Dong (Taiwan)
Prof. Wei-Feng Lee (Taiwan)
Dr. Shu-Yung Chi (Taiwan)
Prof. Louis Ge (Taiwan)
Prof. Jian-Hong Wu (Taiwan)
Prof. Chien-Chih Wang (Taiwan)
Prof. Pio-Go Hsieh (Taiwan)
Prof. Motoki Kazama (Japan)
Prof. Hemanta Hazarika (Japan)
Dr. Netra Prakash Bhandary (Japan)
Prof. Guangqi Chen (Japan)
Prof. Tadashi Hara (Japan)
Dr. Kenji Harada (Japan)
Dr. Takashi Kiyota (Japan)
Prof. Mitsu Okamura (Japan)
Dr. Hirofumi Toyota (Japan)
Prof. Akihiro Wakai (Japan)
Dr. Gonghui Wang (Japan)
Dr. Lin Wang (Japan)
Dr. Masao Wada (Japan)
Dr. Hidenori Takahashi (Japan)
Prof. Yoshimichi Tsukamoto (Japan)

Call for papers

Two page extended Abstracts of papers should be submitted to the following correspondence by May 31, 2016. The abstract format will be notified later in due course.

It is to be noted that all of abstract will be reviewed by a review committee formed under the supervision of ATC3. Extended abstract volume will be distributed to the participants during the workshop. The full papers will be invited finally published in special issue journal after the workshop.

Important Date

- Deadline for 2 page extended abstract May 31, 2016
- Notification of reviewer's decision June 30, 2016
- Deadline for final extended abstract submission July 31, 2016



Pre-Conference Program

Day 1 and 2 (9/20-21, 2016)

Field Trip: Mitigation Work on Large Scale Landslide in Centre Taiwan

Taichung city and Nantou county have suffered dramatically natural hazards including typhoons, earthquakes, and debris flows since 1986. Slope, highway, and hydraulic power facilities located in Centre Taiwan had abundant histories of geotechnical hazards and mitigation works. The field trip will visit several large slope failure sites and hydraulic power station facilities that had suffered from major events including Chi-Chi earthquake and typhoons. Beside, a short hiking and the highway erosion site visiting in Hehuan mountain area, elevation 3000 m, is also planned in the morning of second day.

Correspondence

○ **In Japan**

Prof. H. Hazarika
Dept. of Civil Engineering, Kyushu University
744 Motoooka, Nishi Ku, Fukuoka 819-0395, Japan
Tel: +81-92-802-3369; Fax : +81-92-802-3378
E-mail: hazarika@civil.kyushu-u.ac.jp

○ **In Taiwan and other regions**

Prof. T.C. Chen
Dept. of Soil and Water Conservation
National Pingtung University of Science and
Technology
Tel&Fax: +886-8-774-0287
Email: tcchen.atc3@gmail.com

Registration form

Name:

Last First Middle Initial

Title and Affiliation:

Address:

City:

State / County:

Country: Zip Code:

Contacts:

Phone: _____

Fax: _____

E-mail: _____

Passport No.: _____

