

## FROM THE INDONESIAN SOCIETY ACTIVITIES OF THE INDONESIAN SOCIETY FOR GEOTECHNICAL ENGINEERING (HATTI)

### (1) 17th ANNUAL NATIONAL CONFERENCE ON GEOTECHNICAL ENGINEERING Jakarta-Indonesia, 13-14 November 2013

The annual National Conference on Geotechnical Engineering is a routine activity of Indonesian Society for Geotechnical Engineering since 1992. This conference is intended to be an activity for Indonesian Geotechnical Engineers to share their knowledge and extract invaluable lessons from the lectures. The theme of the conference usually varies from year to year, depending on Indonesian faced situation in that year. In 2013, the theme was "Geotechnical Solution in Indonesia to Respond the Challenge of Urban Industry, Infrastructure and Mining Developments".



Dr. Hermanto Dardak (left) and Prof. Masyhur Irsyam (right)

Dr. Bambang Susantono

This conference was attended by about 350 persons who came from 34 Provinces of Indonesia. The participants include practitioners of geotechnical engineering, lecturers and students from universities and also corporates of geotechnical industries.

Special lectures were given by:

- Dr. Hermanto Dardak, Vice Minister from Ministry of Public Work of Republic of Indonesia
- Dr. Bambang Susantono, Vice Minister from Ministry of Transportation of Republic of Indonesia

The main lectures were given by:

- Professor Tuncer Edil - USA
- Prof. Masyhur Irsyam - Indonesia
- Prof. Leung Chun Fai - Singapore
- Prof. Charles Ng - Hong Kong



Prof. T. Edil (left) and Dr. FX. Toha (right)

36 full papers were published in the conference proceeding and 17 papers were presented at the conference, and the remainings were shown by posters.

## FROM THE INDONESIAN SOCIETY (CONTINUED)

The conference also exhibited the products from many geotechnical corporates such as GeoHarbour (China), Menard Asia, Fugro, Bauer, etc.

### (2) Computational Geotechnics Course Bandung - Indonesia, 9 - 11 December 2013

The course brings together experts and analysts from across the Asia and European regions. This computational geotechnics course is tailored for engineers and researchers seeking for knowledge on the use of Plaxis 2D. In this course, the participants learned advanced techniques and geotechnical problems and solutions from experts and researchers from academic institutions. The materials of this course consisted of Finite Element Modelling in Geotechnical Engineering; Plasticity and Mohr-Coulomb; Critical State Soil Mechanics and Soft Soil; The Hardening Soil (small) Model; Modelling of Deep Excavations; Structural Elements in Plaxis; Embankment; Tunneling; Geotextile Reinforced Embankment; Slope Stability; Unsaturated Soil Behaviour and Nonlinear Computations.



The course were held at Bandung Darmawan Building, Institut Teknologi Nasional (Itenas) Bandung, Indonesia for 3 days from 9 December to 11 December 2013, and organized by:

- Indonesian Society for Geotechnical Engineering (HATTI)
- Civil Engineering Department, Institut Teknologi Nasional (Itenas), Indonesia.
- The Geotechnical Engineering Research Group, Bandung Institute of Technology (ITB)
- Computational Geotechnics Group, Graz University of Technology (TU Graz), Austria.
- Plaxis Asia Pacific

The lecturers and the trainers who were involved in this course were Plaxis experts and researchers from academic institutions. They were namely:

- Prof. Helmut F. Schweiger, Graz University of Technology - Austria.
- Prof. Masyhur Irsyam, Bandung Institute of Technology - Indonesia
- Dr. William Cheang Wai Lum, Plaxis Asia Pacific.
- Dr. techn. Franz Tschuchnigg, Graz University of Technology - Austria.
- Dr. techn. Indra Noer Hamdhan, Itenas Bandung - Indonesia.
- Ikhya, ST., MT, Itenas Bandung - Indonesia.

The course consisted of four session blocks/day and each block was made of two full 45-min lectures and a 60-min exercise with full tutoring. The number of participants who joined this course was 65 and they were practitioners (6%), lecturer and researches (14%), students (12%), consultants (29%), contractors (32%), and government officers (6%).