

Conference Reports

The 2nd International Symposium on Asian Urban GeoEngineering, Changsha, China

The 2nd International Symposium on Asia Urban GeoEngineering was held from November 24-27, 2017, in Changsha, a historical and modern city in Hunan, China. In 2015, the first symposium was held in Fukuoka, Japan. The symposium was organised by the Asian Technical Committee 6 (ATC6) “Urban GeoEngineering” of ISSMGE, Hunan University, Tianjin University and Chinese Institution of Soil Mechanics and Geotechnical Engineering. The aim of this symposium was to share ideas and experiences about urban geoen지니어ing in Asian countries among engineers, researchers, and academic professors. The emphasis was on improving our knowledge in meeting geoen지니어ing requirements for a long-term sustainable urban development and the need to protect and preserve our environment.

Extensively, urban construction is going on in Asian countries, and environmental friendliness and sustainability are emphasized in modern urbanization processes. Environmental friendliness addresses the control of ground movement, mitigation measures, and risk management. Those control or mitigation measures should be sustainable. Moreover, the performance of deep excavation and tunnels, mitigation measures, and risk management are often site dependent and vary from country to country. The ground conditions, construction practices, codes, and standards are very different among Asian countries. The aim of this symposium was to share knowledge and experiences on the analysis, design, construction, and maintenance of urban geoen지니어ing among engineers, researchers, and academic professors in Asian countries.

More than 100 researchers participated in this symposium from various Asia countries and regions, such as Mainland China, Taiwan, Hongkong, Macao, Japan, Vietnam, Malaysia, Singapore and Indonesia. 35 academic presentations were given in the symposium, and more than 50 papers were collected in the conference proceedings co-published by Springer and the Zhejiang University Press. These presentations and papers have covered a wide range of issues concerning on urban geoen지니어ing problems in Asian countries. Showcasing diversity and quality, these papers report the state of the art and point to future directions of research and development in this exciting area.

During the symposium, the 2nd Meeting of ATC6 “Urban GeoEngineering” was held on 25th of November (Saturday), 2017. 17 ATC6 Members attended the meeting. Details of last meeting minutes (1st ATC6 committee meeting held on 11th of November, 2015) were confirmed. And some agreements have been made: the web site of ATC6 shall be ready within 2 months; the 3rd ATC6 symposium will be held in 14th to 18th of October, 2019 in Taipei, Taiwan together with 16th Asian Regional Conference, ISSMGE in the style of “special sessions”.



Photo 1. Group photo of 2nd ATC6 Symposium

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Photo 2. Group Photo of 2nd ATC6 committee meeting

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