

# Preface

The 2nd International Symposium on Asia Urban GeoEngineering 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 aim of this symposium is to share ideas and experiences about urban geoengineering in Asian countries among engineers, researchers, and academic professors. The emphasis will be on improving our knowledge in meeting geoengineering 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 is to share knowledge and experiences of the analysis, design, construction, and maintenance of urban geoengineering among engineers, researchers, and academic professors in Asian countries.

Totally, more than 70 papers have been received by the symposium organizer. After technical review, more than 40 papers have been accepted to be presented at the symposium and also included in the conference proceedings co-published by Springer and the Zhejiang University Press. These papers have covered a wide range of issues concerning on urban geoengineering 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. We are also honored to have outstanding speakers to give invited keynote speeches at the symposium.

The success of the symposium is due to the contributions from every participants and organizations. On behalf of the Organizing Committee, I really appreciate all authors for your careful preparation of submissions and all speakers for sharing

your knowledge, experience, and research at the symposium. We are grateful to all the members of the Scientific Committee and the Organizing Committee for your important contributions to the symposium.

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Renpeng Chen  
Chairman of the Organizing Committee 2nd Asia UGE

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