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Geotechnical Special Publication No. 263



Innovative and Sustainable Use of Geomaterials and Geosystems

Edited by
Wen-chieh Cheng, Ph.D.
Jason Y. Wu, Ph.D., P.E.

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Preface

This Geotechnical Special Publication (GSP) contains 13 high quality papers that were peer-reviewed and presented at the GeoChina International Conference on Sustainable Civil Infrastructures: Innovative Technologies for Severe Weathers and Climate Changes, held in Shangdong, China on July 25-27, 2016. Major topics covered are in-situ test methods for site characterization, design and quality control of earth structures and subgrades, pavement performance evaluation & management, State-of-the-Arts and State-of-the-Practices on bridge design, construction & maintenance, tunneling in soft ground, ground conditioning & modification. The overall theme of the GSP is innovative and sustainable use of geomaterials and geosystems and all papers address engineering challenges and their countermeasures of this theme. You will have the opportunity to meet colleagues from all over the world for technical, scientific, and commercial discussions, and also to obtain knowledge regarding recent technological advances, engineering applications, and research results among scientists, researchers, and engineering practitioners.

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