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In Situ and Laboratory Test Methods for Site Characterization, Design, and Quality Control

Edited by

Chao Wang, Ph.D.

Dave Chang, Ph.D.

Hisham Kamal Ameen, Ph.D.

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IN SITU AND LABORATORY TEST METHODS FOR SITE CHARACTERIZATION, DESIGN, AND QUALITY CONTROL

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Preface

This Geotechnical Special Publication (GSP) contains 35 papers that were accepted and presented at the GeoChina International Conference on sustainable civil infrastructures: innovative technologies for severe weathers and climate changes, held in Jinan, 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, design and quality control of earth structures and subgrades, soil behavior and laboratory testing, and bridge approach embankment. The overall theme of the GSP is in-situ and laboratory test methods for site characterization, design and quality control and all papers address different research findings of this theme. It provides an effective means of shearing recent technological advances, engineering applications and research results among scientists, researchers and engineering practitioners.

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