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IACGE 2018



Geotechnical and Seismic Research and Practices for Sustainability

Proceedings of the International Conference on Geotechnical and Earthquake Engineering 2018

Chongqing, China
October 20–21, 2018

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Edited by

Jianping Hu; Wengang Zhang; Xiong (Bill) Yu; and Hanlong Liu

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Preface

This Geotechnical Special Publication contains selected technical papers of the 2018 International Conference on Geotechnical and Earthquake Engineering organized by the International Association of Chinese Geotechnical Engineers (IACGE) and the Chongqing University. The conference covers a broad field of topics in geotechnical and geotechnical earthquake engineering, including soil dynamics and earthquake engineering, foundation engineering and pile testing, excavation and shoring, embankments and retaining walls, tunnels and underground structures, dams and levees, slopes and landslides, expansive soils and loess, geology and rock mechanics, ground improvement techniques, geotechnical numerical modeling and computation, geotechnical support technologies during construction and offshore wind power pile foundations.

About one hundred and thirty abstracts were received in response to the Call for Papers. The abstracts were reviewed by the organizing committee and one hundred invitations were extended to prepare and submit full-length papers. A total of eighty full-length papers were received in response to these invitations.

The papers were reviewed following the same procedures and technical standards of the ASCE Geotechnical Special Publications. Each paper must have received two positive reviews to be accepted and must have revised to conform to the mandatory revisions of the reviewers. A number of papers went through more than one cycle of review and revision. Standard editorial review forms and checklists were utilized to maintain uniform technical standards of the papers. As a result, sixty-nine papers were accepted for the conference and included in this ASCE Geotechnical Special Publications. All the papers selected for the Geotechnical Special Publications are eligible for discussion in the ASCE Journal of Geotechnical and Geoenvironmental Engineering and for ASCE award nominations.

This publication would not have been possible without the dedication and professionalism of the paper reviewers. The names of these highly qualified reviewers are listed in the followings.

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Finally, we would like to express our sincere appreciation to all the authors for their significant contributions to the success of the conference.

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September 2018

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