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Preface

This special publication contains 81 technical papers which cover recent advances in unsaturated soil mechanics, experimental study of soil behavior, and constitutive, numerical, and multi-scale modeling of oil behavior.

Each paper published in this ASCE Geotechnical Special Publication (GSP) was evaluated by at least two reviewers including the editors. The authors of the accepted papers have addressed all the reviewers' comments to the satisfaction of the editors. All published papers are eligible for discussion in the Journal of Geotechnical and Geoenvironmental Engineering and are also eligible for ASCE awards.

The papers included in this publication were presented during the GeoShanghai 2014 International Conference held in Shanghai, China, May 26-28, 2014. This conference was hosted by Tongji University, the Chinese Institution of Soil Mechanics and Geotechnical Engineering, the Chinese Society for Rock Mechanics and Engineering and the Shanghai Society of Civil Engineering in cooperation with ASCE Geo-Institute, the International Society for Soil Mechanics and Geotechnical Engineering, the International Association of Chinese Infrastructure Professionals, the Deep Foundations Institute in the USA, the Alaska University Transportation Center (USA), University of Edinburgh (UK), Ruhr University Bochum (Germany), University of Cambridge (UK), Ecole des Ponts Paristech (France), Virginia Polytechnic Institute and State University (USA), the Shanghai Society of Theoretical and Applied Mechanics, Nagoya Institute of Technology (Japan), University of Arizona (USA), the Transportation Research Board (TRB) (USA), University of Kansas (USA), Georgia Institute of Technology (USA), Vienna University of Natural Resources and Applied Life Sciences (Austria), and University of Tennessee (USA).

The GeoShanghai 2014 International Conference was chaired by Professor Wenqi Ding and co-chaired by Professor Lianyang Zhang.

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For any reviewers whose names were inadvertently missed, we offer our sincere apologies.

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