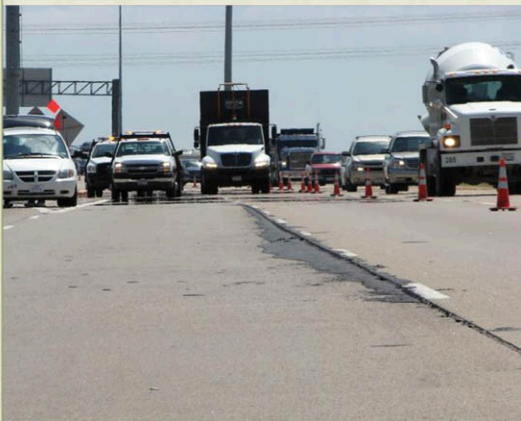


Characterization, Modeling, and Performance of Geomaterials



*Edited
by*

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- 128 *Soil Constitutive Models: Evaluation, Selection, and Calibration*
- 129 *Advances in Designing and Testing Deep Foundations*
- 130 *Advances in Pavement Engineering*
- 131 *Contemporary Issues in Foundation Engineering*
- 132 *Advances in Deep Foundations: In Memory of Michael W. O'Neill*
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- 134 *Soil Dynamics Symposium in Honor of Professor Richard D. Woods*
- 135 *Erosion of Soils and Scour of Foundations*

- 136 *Innovations in Grouting and Soil Improvement*
- 137 *Legal and Liability Issues in Geotechnical Engineering*
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- 139 *Calibration of Constitutive Models*
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- 149 *Site and Geomaterial Characterization*
- 150 *Soil and Rock Behavior and Modeling*
- 151 *Advances in Earth Structures: Research to Practice*
- 152 *Ground Modification and Seismic Mitigation*
- 153 *Foundation Analysis and Design: Innovative Methods*
- 154 *Pavement Mechanics and Performance*
- 155 *Underground Construction and Ground Movement*
- 156 *Geomechanics II: Testing, Modeling, and Simulation*
- 157 *Computer Applications in Geotechnical Engineering*
- 158 *Contemporary Issues in Deep Foundations*
- 159 *Case Studies in Earth Retaining Structures*
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- 188 *Advances in Ground Improvement: Research to Practice in USA and China*

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Preface

This Geotechnical Special Publication (GSP), along with its eight companion volumes, contains selected papers from the GeoHunan International Conference: Challenges and Recent Advances in Pavement Technologies and Transportation Geotechnics held in Hunan, China on August 3 to 6, 2009. The conference was hosted by Changsa University of Science and Technology. This pavement and geotechnical conference was endorsed by a number of leading international professional organizations. This conference provided a showcase for recent developments and advancements in pavement and geotechnique and offered a forum to discuss and debate future directions for geo-engineering in the 21st century. Conference topics covered a broad array of contemporary issues and design and construction techniques for professionals involved in roadway pavement, geotechnical, geoenvironmental, and geomechanical disciplines.

The conference received 320 full papers from over 30 countries. All 320 full papers were peer-reviewed, and about 249 papers were accepted through a rigorous peer review process that were presented in 18 presentation sessions and six poster sessions, in addition to three invited keynote presentations. This GSP included 27 papers in the following five topics:

Advances in Unsaturated Soil, Seepage, and Environmental Geotechnics
Geosynthetics
Geo-environmental Engineering
NDT Testing of Infrastructure Materials, and
Bridge Approach Embankment

The editors would like to expression their appreciation for having been provided opportunity to be a part of the conferences' organization, and hope this proceeding will be useful to the geotechnical and pavement engineering community for many decades to come.

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Contents

Advances in Unsaturated Soil, Seepage, and Environmental Geotechnics

A Comparison of Total Suction Measurements with Thermocouple Psychrometer, Filter Paper Technique, and Chilled-Mirror Device.....	1
Daniel Mabirizi and Rifat Bulut	
Probabilistic Analysis of Finite Strain Consolidation with Stochastic Soil Compression Index and Hydraulic Conductivity	7
Tong Qiu and Wei Chen	
Remarks on Constitutive Modeling of Unsaturated Soils	13
Xiong Zhang, Liangbiao Chen, and Lin Li	
Swelling Behavior of Compacted Cohesive Soils—An Absorbed Energy Approach	20
Zhongjie Zhang, Mingjiang Tao, and Mehmet T. Tumay	
Gradient-Dependent Damage Constitutive: The Second-Order Gradient Damage Model.....	26
Bing Zhao, Ying-ren Zheng, Ming-hua Zeng, Xue-song Tang, and Xiao-Qiang Yan	
Analysis of Two-Dimensional Consolidation of Unsaturated Soils.....	33
Xue-shan Cao and Zong-ze Yin	

Geosynthetics

Improving Bearing Capacity of Shallow Foundations on Weak Soils Utilizing Geosynthetic Reinforcing Technique	40
Sao-Jeng Chao	
Micromechanical Analysis of Soil Arching in Geosynthetic-Reinforced Pile-Supported Embankments	47
Anil Bhandari, Jie Han, and Fei Wang	
Large Physical Modeling to Optimize the Geometrical Conditions of Geotextile in Reinforced Loose Sand	53
S. Shahaboddin Yasrobi, S. Mustapha Rahmaminezhad, and S. Farhad Eftekhazadeh	
A Research on the Dynamical Characteristics of Road-Bridge Transition Sections Reinforced by Geogrid.....	60
Guoyuan Chen	
Numerical Modeling of a Reinforced Embankment Based on Centrifugal Test Dimensions	68
Jian-Feng Chen, Song-Bo Yu, and Jie Han	
Granular Lightweight Fill Composed of Sand and Tire Scrap.....	78
An Deng and Jin-Rong Feng	