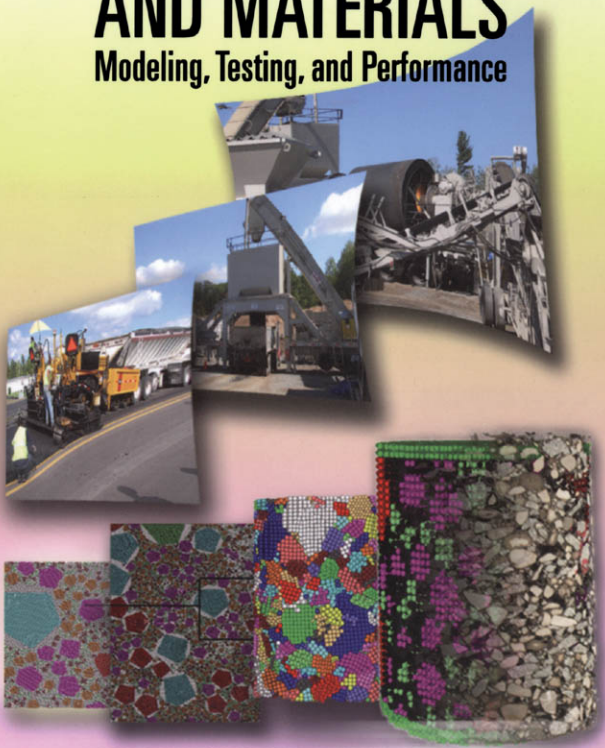
PAVEMENTS AND MATERIALS

Modeling, Testing, and Performance



GEOTECHNICAL SPECIAL PUBLICATION NO. 184

EDITED BY

Zhanping You

Ala R. Abbas

Linbing Wang

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PAVEMENTS AND MATERIALS

MODELING, TESTING, AND PERFORMANCE

PROCEEDINGS OF THE SYMPOSIUM ON PAVEMENT MECHANICS AND MATERIALS AT THE INAUGURAL INTERNATIONAL CONFERENCE OF THE ENGINEERING MECHANICS INSTITUTE

May 18–21, 2008
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of the American Society of Civil Engineers

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of the American Society of Civil Engineers

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78 *Filtration and Drainage in Geotechnical/Geoenvironmental Engineering*
79 *Recycled Materials in Geotechnical Applications*
80 *Grouts and Grouting: A Potpourri of Projects*
81 *Soil Improvement for Big Digs*
82 *Risk-Based Corrective Action and Brownfields Restorations*
83 *Design and Construction of Earth Retaining Systems*
84 *Effects of Construction on Structures*
85 *Application of Geotechnical Principles in Pavement Engineering*
86 *Big Digs Around the World*
87 *Jacked Tunnel Design and Construction*
88 *Analysis, Design, Construction, and Testing of Deep Foundations*
89 *Recent Advances in the Characterization of Transportation Geo-Materials*
90 *Geo-Engineering for Underground Facilities*
91 *Special Geotechnical Testing: Central Artery/Tunnel Project in Boston, Massachusetts*
94 *Performance Confirmation of Constructed Geotechnical Facilities*
95 *Soil-Cement and Other Construction Practices in Geotechnical Engineering*
96 *Numerical Methods in Geotechnical Engineering: Recent Developments*
97 *Innovations and Applications in Geotechnical Site Characterization*
98 *Pavement Subgrade, Unbound Materials, and Nondestructive Testing*
99 *Advances in Unsaturated Geotechnics*
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116 *Deep Foundations 2002: An International Perspective on Theory, Design, Construction, and Performance*
117 *Discrete Element Methods: Numerical Modeling of Discontinua*
118 *A History of Progress: Selected U.S. Papers in Geotechnical Engineering*
119 *Soil Behavior and Soft Ground Construction*
120 *Grouting and Ground Treatment*
121 *Probabilistic Site Characterization at the National Geotechnical Experimentation Sites*
122 *Sinkholes and the Engineering and Environmental Impacts of Karst*
123 *Recent Advances in Materials Characterization and Modeling of Pavement Systems*
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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*
133 *Earthquake Engineering and Soil Dynamics*
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*
138 *Site Characterization and Modeling*
139 *Calibration of Constitutive Models*
140 *Slopes and Retaining Structures under Seismic and Static Conditions*
141 *International Perspectives on Soil Reinforcement Applications*
142 *Waste Containment and Remediation*
143 *Geomechanics: Testing, Modeling, and Simulation*
144 *Sinkholes and the Engineering and Environmental Impacts of Karst*
145 *Seismic Performance and Simulation of Pile Foundations in Liquefied and Laterally Spreading Ground*
146 *Asphalt Concrete: Simulation, Modeling and Experimental Characterization*
147 *Unsaturated Soils 2006*
148 *Advances in Unsaturated Soil, Seepage, and Environmental Geotechnics*
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*
160 *Dynamic Response and Soil Properties*
161 *Embankments, Dams, and Slopes: Lessons from the New Orleans Levee Failures and Other Issues*
162 *Problematic Soils and Rocks and In Situ Characterization*
163 *Geoenvironmental Engineering*
164 *Innovative Applications of Geophysics in Civil Engineering*
165 *Geosynthetics in Reinforcement and Hydraulic Applications*
166 *Educational Activities in Geotechnical Engineering*
167 *Geotechnics of Soil Erosion*
168 *Grouting for Ground Improvement: Innovative Concepts and Applications*
169 *Soil and Material Inputs for Mechanistic-Empirical Pavement Design*
170 *Probabilistic Applications in Geotechnical Engineering*
171 *Advances in Shallow Foundations*
172 *Soil Improvement*
173 *Advances in Measurement and Modeling of Soil Behavior*
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180 *From Research to Practice in Geotechnical Engineering*
181 *Geotechnical Earthquake Engineering and Soil Dynamics IV*
182 *Pavements and Materials: Characterization, Modeling, and Simulation*
183 *Sinkholes and the Engineering and Environmental Impacts of Karst*
184 *Pavements and Materials: Modeling, Testing, and Performance*

Preface

This special publication includes 16 invited papers on the modeling and testing of pavement structures and pavement materials. They include the subjects in asphalt materials, hot mix asphalt, asphalt pavements, and concrete pavements. They also include a few research papers with the most recent findings from four National Science Foundation research projects, which are highly regarded on modeling and testing of pavement materials and pavement structures.

Each paper published in this GSP was rigorously evaluated by peer reviewers and the editors. The review comments were sent to the authors and they have been addressed to the reviewers and the editors' satisfaction. The editors sincerely acknowledge reviewers' time and efforts. The editors also acknowledge Graduate student Shu Wei Goh at Michigan Technological University in the assistance of the cover design.

The papers in this GSP include 11 papers that were presented in the symposium on Pavement Mechanics and Materials at the Symposium on Pavement Mechanics and Materials at the Inaugural International Conference of the Engineering Mechanics Institute (EM08) held at Minneapolis, Minnesota, May 18-21, 2008. The papers in this GSP also include five papers invited by the editors of this GSP. The symposium was supported by the Geo-Institute Pavements Committee, the Task Committee on Mechanics of Pavements, the Granular Materials Committee and the Inelastic Committee of the ASCE Engineering Mechanics Institute.

The editors of this GSP would like to thank the Board of Governors of the Geo Institute for their approving the symposium and the special publication.

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May 10, 2008

Contents

State of the Art: Anisotropic Characterization of Unbound Aggregate Layers in Flexible Pavements 1
Erol Tutumluer

Computational Micromechanics Modeling for Damage-Induced Behavior of Asphalt Mixtures Considering Viscoelasticity and Cohesive Zone Fracture 17
Yong-Rak Kim and Jamilla Sudo Lutif

Determining Burger's Model Parameters of Asphalt Materials Using Creep-Recovery Testing Data 26
Yu Liu and Zhanping You

Cracking in Asphalt Concrete under Wet and Dry Conditions 37
Rafiqul A. Tarefder, Evan Kias, and Arif Zaman

Accounting for Self-Equilibrating Stresses Due to Non-Linear Temperature Profiles in Rigid Pavements 48
Jacob E. Hiller and Jeffery R. Roesler

Small Scale Accelerated Pavement Testing in the Laboratory for the Fatigue Characterization of Hot Mix Asphalt 56
Sudip Bhattacharjee, Rajib B. Mallick, and Jo Sias Daniel

Dynamic Response of Rigid Pavements Due to Moving Vehicle Load with Acceleration 64
Changyong Cao, Wing Gun Wong, Yang Zhong, and Lam Wah Cheung

A Simple Method to Determine the Tertiary Flow in Repeated Load Test: A Step-Wise Method 72
Shu Wei Goh and Zhanping You

Effects of Aggregate Gradation and Asphalt Binder on the Visco-Elastic Behavior of Asphalt Matrix 82
Mohammad J. Khattak and Chad M. Roussel

A Proposed New Method for Roughness Quantification of Concrete Joints and Cracks 90
Mohamed G. Abdel-Maksoud, E. J. Barenberg, and Gennaro G. Marino

Modeling of Hollow Cylindrical Asphalt Mixture Specimens 100
Sanjeev Adhikari and Zhanping You

Finite Incremental Constitutive Equations for the SHRP Viscoplasticity Model 108
Linbing Wang and Qingbin Li

A Large Deformation Finite Element Formulation for Subgrade Soil Compaction 122
Kaiming Xia, Arif Masud, and Zhanping You

Analysis of the Dynamic Responses of CRCP and CRCP+AC under the Vehicle Loading by FEM 131
Bin Wang and Jun Yang

Rheological Properties of Performance Grade Binders Using a Dynamic Mechanical Analyzer 140
Z. Hossain and M. Zaman

Analysis of Flexible Pavement Distresses on IRI Model 150
Guoqing Zhou and Linbing Wang

Author Index 161

Subject Index 163