

# Geotechnical Earthquake Engineering and Soil Dynamics V

*Slope Stability and Landslides, Laboratory Testing, and In Situ Testing*
*GSP 293*



Papers from Sessions of Geotechnical Earthquake Engineering and Soil Dynamics V

Austin, Texas
June 10–13, 2018

EDITED BY
Scott J. Brandenberg, Ph.D., P.E.
Majid T. Manzari, Ph.D.

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# GEOTECHNICAL EARTHQUAKE ENGINEERING AND SOIL DYNAMICS V

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# Preface

This volume is one of four Geotechnical Special Publications (GSPs) containing papers from the Fifth Geotechnical Earthquake Engineering and Soil Dynamics Conference: (GEESDV) held in Austin, Texas during June 10–13, 2018. The GEESDV is the latest event in a series of highly successful conferences held in Sacramento CA (2008), Seattle WA (1998), Park City UT (1988), and Pasadena CA (1978). The conference is organized by the Earthquake Engineering and Soil Dynamics Technical Committee of the Geo-Institute (G-I) of the American Society of Civil Engineers (ASCE) and brings together practicing geo-professionals, researchers, and students from around the world to share the latest advances, engineering applications, and pedagogical approaches in this discipline.

This Geotechnical Special Publication is the outcome of two years of concerted efforts by the conference lead organizers and the members of the "technical program" and "proceedings" committees. All submitted papers were reviewed and accepted by at least two independent peer-reviewers. The final accepted technical papers are organized in the following special publications:

- Volume 1: Liquefaction Triggering, Consequences, and Mitigation
- Volume 2: Seismic Hazard Analysis, Earthquake Ground Motions, and Regional-Scale Assessment
- Volume 3: Numerical Modeling and Soil Structure Interaction
- Volume 4: Slope Stability and Landslides, Laboratory Testing, and In Situ Testing

The Editors would like to express their sincere appreciation to the members of the technical program and proceedings committees as well as the session chairs and reviewers.

**The Editors,**

Scott J. Brandenberg, Ph.D., P.E., M.ASCE
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# Contents

*Slope Stability and Landslides*

**Acceleration Response of a Geosynthetic Reinforced Soil Bridge Abutment under Dynamic Loading....1**
Yewei Zheng, John S. McCartney, Patrick J. Fox, and P. Benson Shing

**Bridge Foundation Pinning Resistance Implied by Equivalent Static Analysis Procedure for Liquefaction-Induced Lateral Spreading....10**
Christopher R. McGann

**Cloud-Based Tools for the Probabilistic Assessment of the Seismic Performance of Slopes....19**
Gökhan Saygili, Ellen M. Rathje, Yubing Wang, and Mahmoud El-Kishky

**Development of a Seismic Risk Screening Tool for Earthen Embankments....27**
Jennifer L. Donahue, Zahra A. Amini, Christopher E. Hunt, Glenn J. Rix, and David R. Umberg

**Dynamic Numerical Evaluation of the Effect of the Retained Tailings on the Performance of a Tailings Impoundment....37**
Guillaume Léveillé and Michael James

**Effect of Local Site Condition on the Seismic Stability of Municipal Solid Waste Landfills....46**
Anindya Pain, V. S. Ramakrishna Annapareddy, and Shantanu Sarkar

**Evaluation of the Seismic Performance of a Class I Landfill....56**
Glenn J. Rix, Robert C. Bachus, Chris Conkle, and Mark Schultheis

**Numerical Simulations of the Fourth Avenue Landslide Considering Strain-Softening....67**
Michael Kiernan and Jack Montgomery

**Seismic Stability Analysis of Soil Slopes Using Soil Nails....79**
Pankaj Rawat and Kaustav Chatterjee

**SEM-Based Seismic Slope Stability and Mitigation Model for the Jure Landslide after the 7.8Mw 2015 Barpak-Gorkha, Nepal, Earthquake....88**
N. P. Bhandary, R. C. Tiwari, R. Yatabe, and S. Paudel

**The Takanodai Landslide, Kumamoto, Japan: Insights from Post-Earthquake Field Observations, Laboratory Tests, and Numerical Analyses....98**
Gabriele Chiaro, Mohammed Umar, Takashi Kiyota, and Christopher Massey

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*Laboratory Testing*

**A Critique of b-Values Used for Computing Magnitude Scaling Factors .....112**
Kristin J. Ulmer, Sneha Upadhyaya, Russell A. Green, Adrian Rodriguez-Marek, Peter J. Stafford, Julian J. Bommer, and Jan van Elk

**Comparing Shear Response of Dense Sands from Centrifuge and Direct Simple Shear Tests with Published Correlations .....122**
Lopamudra Bhaumik, Alfonso A. Cerna-Diaz, Ozgun A. Numanoglu, Scott M. Olson, Cassandra J. Rutherford, Youssef M. A. Hashash, and Thomas Weaver

**Comparison of Cyclic Triaxial Test Results on Sand-Rubber Tire Shred Mixtures with Dynamic Simple Shear Test Results .....132**
B. R. Madhusudhan, A. Boominathan, and Subhadeep Banerjee

**Comparison of Measured Cyclic Resistance of Sand in Simple Shear Tests under Constant Volume versus Constant Total Vertical Stress Conditions .....141**
Chadi El Mohtar, Yuta Nakamura, and Wing Shun Kwan

**Comparisons in the Cyclic Direct Simple Shear Response of Two Sands from Christchurch, New Zealand .....150**
Claudio Cappellaro, Misko Cubrinovski, Jonathan D. Bray, Gabriele Chiaro, Michael F. Riemer, and Mark E. Stringer

**Cyclic Behavior at Small Shear Deformations of Non-Liquefiable Sand Ground Obtained from Horizontal 1-D and 2-D E-Defense Tests .....160**
Kentaro Tabata and Masayoshi Sato

**Cyclic Behavior of Low-Plasticity Fine-Grained Soils with Varying Pore-Fluid Salinity .....171**
Mohammad M. Eslami, Scott J. Brandenberg, and Jonathan P. Stewart

**Cyclic Strength of Ottawa F-65 Sand: Laboratory Testing and Constitutive Model Calibration .....180**
Katerina Ziotopoulou, Jack Montgomery, Ana Maria Parra Bastidas, and Brian Morales

**Dynamic Failure Potential of Partially Saturated Sand under Ultra-Low Confining Pressures .....190**
Oliver-Denzil S. Taylor, Katherine E. Winters, Woodman W. Berry, and Merissa L. Zuzulock

**Dynamic Response of Model Footing on Reinforced Sand .....199**
Raghvendra Sahu, Ramanathan Ayothiraman, and G. V. Ramana

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**Effect of High Initial Effective Confining Stress on the Mechanical Response of Natural Silt** ..... **208**
Priyesh Verma and Dharma Wijewickreme

**Effect of Pore Fluid on Cyclic Behaviour of Reconstituted Marine Clay** ..... **219**
Swagatika Senapati, Subhadeep Banerjee, and T. Thyagaraj

**Effects of Ageing on the Shear Modulus Degradation Curve of Loose Fraser River Sand** ..... **228**
Ilaibibakam W. Omunguye, John A. Howie, and Mark A. Styler

**Effects of Confining Pressure and Void Ratio on the Maximum Shear Modulus of Natural Pumiceous Soils** ..... **238**
M. B. Asadi, M. S. Asadi, R. P. Orense, and M. J. Pender

**Effects of Multi-Directional and Repeated Loading on Cyclic Resistance of Fraser River Sand** ..... **247**
Stephen Jones and Abouzar Sadrekarimi

**Experimental Study of Strain Dependent Shear Modulus of Ottawa Sand** ..... **257**
Kaveh H. Zehtab, Seda Gokyer, Artur Apostolov, W. Allen Marr, and Salim K. Werden

**Experimental Study of the Injectability and Effectiveness of Laponite Mixtures as Liquefaction Mitigation Technique** ..... **267**
Lucia Mele, Alessandro Flora, Stefania Lirer, Anna d'Onofrio, and Emilio Bilotta

**Hazard-Resilient Pipeline Joint Soil-Structure Interaction under Large Axial Displacement** ..... **276**
Brad P. Wham, Blake A. Berger, Chalermpat Pariya-Ekkasut, and Thomas D. O'Rourke

**Importance of Automatization on Dry Funnel Deposited Specimens for Liquefaction Testing** ..... **286**
M. Murat Monkul, Şenay Yenigün, and Ece Eseller-Bayat

**Initial Observations on Laboratory Shear Loading Response of Sand-Silt Mixtures** ..... **296**
Achala Soysa and Dharma Wijewickreme

**Laboratory Study of Sands Reinforced with Polypropylene Fibers** ..... **307**
H. Li, K. Senetakis, and A. Khoshghalb

**Liquefaction Potential of Sand with Non-Plastic Fines with the Same Depositional Energy** ..... **319**
Yolanda Alberto and Ikuo Towhata

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**Modification of Stokoe-Type Resonant Column and Torsional Shear Testing Device for Measurements at Higher Strains....326**
Inthuorn Sasanakul, Yoon Shin Bae, and James Bay

**Pore Pressure Generation and Dissipated Energy Ratio in Cohesionless Soils....336**
Carmine P. Polito and Henry H. M. Moldenhauer

**Post-Cyclic Behavior of a Gulf of Mexico Clay....345**
Vashish Taukoor, Cassandra J. Rutherford, and Scott M. Olson

**Processing, Visualization, and Analysis of Direct Simple Shear Test Data Using Jupyter Notebooks in the DesignSafe Cyberinfrastructure....357**
Mohammad M. Eslami, Ai Zhong, and Scott J. Brandenberg

**Shear Strength Characteristics of Internal Bentonite Layer of Needle-Punched GCL Used in Small Earth Dams under Cyclic Loading....365**
R. Shigemoto, Y. Sawada, R. Maki, and T. Kawabata

**The Relation between Static Young's Modulus and Dynamic Bulk Modulus of Granular Materials and the Role of Stress History....373**
Amin Gheibi and Ahmadreza Hedayat

**Twenty-Four Centrifuge Tests to Quantify Sensitivity of Lateral Spreading to Dr and PGA....383**
Bruce L. Kutter, Trevor J. Carey, Bao Li Zheng, Andreas Gavras, Nicholas Stone, Mourad Zeghal, Tarek Abdoun, Evangelia Korre, Majid Manzari, Gopal S. P. Madabhushi, Stuart Haigh, Srikanth S. C. Madabhushi, Mitsu Okamura, Asri Nurani Sjafuddin, Sandra Escoffier, Dong-Soo Kim, Seong-Nam Kim, Jeong-Gon Ha, Tetsuo Tobita, Hikaru Yatsugi, Kyohei Ueda, Ruben R. Vargas, Wen-Yi Hung, Ting-Wei Liao, Yan-Guo Zhou, and Kai Liu

**Undisturbed Sampling of Pumiceous Deposits in New Zealand....394**
M. E. Stringer, R. P. Orense, M. J. Pender, and I. Haycock

***In Situ Site Characterization***

**Bayesian Estimation of Nonlinear Soil Model Parameters Using Centrifuge Experimental Data....404**
Elnaz Esmaeilzadeh Seylabi, Hamed Ebrahimian, Wenyang Zhang, Domniki Asimaki, and Ertugrul Taciroglu

**Determination of Shear Strength Parameters Using Screw Driving Sounding (SDS)....414**
S. Yasin Mirjafari, Rolando P. Orense, and Naoaki Suemasa

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**Downhole Seismic Testing within Existing Steel Cased Sonic Boreholes....423**
Viji Fernando, Yannick Wittwer, Rob Luzitano, and Trevor Fitzell

**Evaluating Compaction Quality during Earth Dam Construction Using Multi-Channel Analysis of Surface Wave....432**
Sheng-Huoo Ni, Wen-Jong Chang, Yu-Zhang Yang, and En-Shuo Fan

**Experiments Using a UAV-Deployed Impulsive Source for Multichannel Analysis of Surface Waves Testing....443**
William W. Greenwood, Hao Zhou, Dimitrios Zekkos,
and Jerome P. Lynch

**In Situ Testing for Evaluation of Modulus Reduction and Damping of Municipal Solid Waste at a Hazardous Waste Landfill....452**
Neven Matasovic, Dimitrios Zekkos, Andhika Sahadewa,
and Clinton P. Carlson

**Machine Learning Applications for Site Characterization Based on CPT Data....461**
Dimitra Tsiaousi, Thaleia Travasarou, Vasilis Drosos, Jose Ugalde,
and Jacob Chacko

**Measured and Predicted Vs Values of a Granular Backfill Test Pad....473**
Kenneth H. Stokoe II, Sungmoon Hwang, Michael Boone,
Michael R. Lewis, Yaning Wang, Matthew F. Cooke, and Andrew Keene

**Probabilistic Geotechnical Site Characterization from Geophysical Measurements Using Model-Data Fusion....489**
Siddharth S. Parida, Kallol Sett, and Puneet Singla

**Robust Earthquake Site Characterization at Ontario Bridge Sites....499**
A. Bilson Darko, S. Molnar, and A. Sadrekarimi

**Selecting Moduli Reduction and Damping Curves Based on Cone Penetration Test Soil Behaviour Type....509**
Mark A. Styler, John Rogie, and Ilmar Weemees

**Site Characterization of TexNet Seismic Stations Using Different Geophysical Approaches....518**
Alexandros Savvaidis, Ellen Rathje, Brady Cox, Zalachoris George,
Tiwari Ayushi, Michael Yust, and Bissett Young

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