



Vol. 7, No. 1 August 2013

DFI JOURNAL

The Journal of the Deep Foundations Institute

PAPERS:

- Commentary on the Selection, Design and Specification of Ground Modification for Mitigation of Earthquake-Induced Liquefaction**
– Ground Improvement Committee of DFI [3]
- Liquefaction Mitigation Synthesis Report prepared for the Ground Improvement Committee of the DFI**
– Timothy C. Siegel [13]
- Grouted Micropiles for Foundation Remediation in Expansive Soils (8th Michael W. O'Neill Lecture)**
– John D. Nelson, Kuo-Chieh Chao, Daniel D. Overton, Zachary P. Fox, Jesse S. Dunham-Friel [32]
- Relationship between Installation Torque and Axial capacities of Helical Piles in Cohesive Soils**
– Mohammed Sakr [44]
- Ultimate Lateral Resistance of Piles in Cohesive Soils**
– Lassad Hazzar, Mourad Karray, Mounir Bouassida, Mahmoud N. Hussien [59]
- TECHNICAL NOTE: Direct Solution of the Birch-Hansen 90% Pile Ultimate Failure Load**
– Don. W. Dotson [69]

Deep Foundations Institute is the Industry Association of Individuals and Organizations Dedicated to Quality and Economy in the Design and Construction of Deep Foundations.



Vol. 7, No. 2 December 2013

DFI JOURNAL

The Journal of the Deep Foundations Institute

PAPERS:

- A Driveability Study of Precast Concrete Piles in Dense Sand**
– Paul Doherty, David Igoe [3]
- Ant Colony Optimization Method for Design of Piled-Raft Foundations (DFI 2013 Student Paper Competition Winner)**
– Hessam Yazdani, Kianoosh Hatami, Elahe Khosravi [17]
- Piezococone Penetration Testing in Florida High Pile Rebound Soils**
– Fauzi Jarushi, Paul J. Cosentino, Edward H. Kalajian [28]
- Factors Affecting the Reliability of Augered Cast-In-Place Piles in Granular Soils at the Serviceability Limit State (DFI 2013 Young Professor Paper Competition Winner)**
– Armin W. Stuedlein, Seth C. Reddy [46]
- A Review of the Design Formulations for Static Axial Response of Deep Foundations from CPT Data (DFI 2013 Student Paper Competition Runner-Up)**
– Fawad S. Niazi, Dr. Paul W. Mayne [58]

Deep Foundations Institute is the Industry Association of Individuals and Organizations Dedicated to Quality and Economy in the Design and Construction of Deep Foundations.