

# JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING

(formerly Journal of Geotechnical Engineering)

Volume 124

Number 6

June 1998

IN MEMORIAM ..... 467

## TECHNICAL PAPERS

Lateral Load Behavior of Full-Scale Pile Group in Clay. Kyle M. Rollins, Kris T. Peterson, and Thomas J. Weaver.....	468
Effect of Fines and Confining Stress on Undrained Shear Strength of Silty Sands. S. Thevanayagam.....	479
Properties of Artificially Cemented Carbonate Sand. J. T. Huang and D. W. Airey .....	492
Foundation Liquefaction Countermeasures for Earth Embankments. Korhan Adalier, Ahmed-W. Elgamal, and Geoffrey R. Martin .....	500
Innovative Use of Slurry Walls at Dam Number 2 Hydropower Project. Jayant N. Sheth and Ronald L. Coker .....	518
Application of SASW Method Underwater. Barbara A. Luke and Kenneth H. Stokoe II .....	523
Antioxidant Depletion Lifetime in High Density Polyethylene Geomembranes. Y. G. Hsuan and R. M. Koerner .....	532
Influence of Rigidity on Laterally Loaded Pile Groups in Marine Clay. S. Narasimha Rao, V. G. S. T. Ramakrishna, and M. Babu Rao .....	542

## DISCUSSIONS

Centrifuge Modeling of Geotextile-Reinforced Cohesive Soil Retaining Walls. A. Porbaha and D. J. Goodings. By Urszula Bogdanowicz .....	551
Dynamic Properties of Piedmont Residual Soil. Roy H. Borden, Lisheng Shao, and Ayushman Gupta. By L. R. Hoyos Jr. and E. J. Macari. By Isao Ishibashi. By Paul W. Mayne, Yasser A. Hegazy, and Gina Kates Martin. Closure by authors .....	551
Deformation Characteristics of Piedmont Residual Soils. Chainchye E. Wang and Roy H. Borden. By Robert W. Day. By Paul W. Mayne and Dean E. Harris. Closure by authors .....	555

## ERRATUM

Unsaturated Hydraulic Conductivity of Compacted Sand-Kaolin Mixtures. Te-Fu Chiu and Charles D. Shackelford .....	558
--	-----