

Volume 38, N. 1, January-April 2015

Table of Contents

ARTICLES

- | | |
|--|----|
| <i>K₀ Measurement in a Sand Using Back Volume Change</i>
T. Santana, M. Candeias | 3 |
| <i>Influence of Physicochemical Interactions on the Mechanical Behavior of Tropical Residual Gneiss Soils</i>
M.M. Futai, W.A. Lacerda, A.P.S. Martins | 9 |
| <i>Critical Rainfall Parameters: Proposed Landslide Warning System for the Metropolitan Region of Recife, PE, Brazil</i>
A.P.N. Bandeira, R.Q. Coutinho | 27 |
| <i>Influence of Soil Cracking on the Soil-Water Characteristic Curve of Clay Soil</i>
M.M. Abbaszadeh, S.L. Houston, C.E. Zapata | 49 |
| <i>Feasibility of Laser Scanning to Determine Volumetric Properties of Fine Grained Soils</i>
I. Falcon-Suarez, F. Sanchez-Tembleque, J.M. Rivera-Sar, R. Juncosa-Rivera, J. Delgado-Martin | 59 |
| <i>A Case of 3-D Small Pile Group Modeling in Stiff Clay Under Vertical Loading</i>
A.C. Freitas, B.R. Danziger, M.P. Pacheco | 67 |
| <i>Precipitation Influence on the Distribution of Pore Pressure and Suction on a Coastal Hillside</i>
L.P. Sestrem, A.C.M. Kormann, F.A.M. Marinho, J.H.F. Pretto | 81 |

Soils and Rocks

An International Journal of Geotechnical
and Geoenvironmental Engineering




Volume 38, N. 1
January-April 2015

