

CONTENTS

Vol. 44 No.1 March 2013

1. Some factors affecting deep excavation in clay over gassy bedrock
By *Ahmed B Mabrouk and R Kerry Rowe*
2. Effects of Consolidation and Specimen Disturbance on Strengths of Taipei Clays
By *Richard N Hwang, Za-Chieh Moh and I-Chou Hu*
3. Lime Stabilisation of Organic Clay and the Effects of Humic Acid Content
By *NZ Mohd Yunus, D Wanatowski and LR Stace*
4. Estimating Wetting-induced Settlement of Compacted Soils using Oedometer Test
By *EC Leong, S Widiastuti and H Rahardjo*
5. Compaction Curve with Consideration of Time and Temperature Effects for Mudstones
By *A Puttiwongrak, H Honda, T Matsuoka and Y Yamada*
6. Small strain behavior of sand under various stress paths considering anisotropic initial stress state
By *Lai Yong, Shi Jian-yong, Yu Xiao-jun and Cao Qiu-rong*
7. Study of Joint Effect on Pipe in Pipe Jacking Method
By *L G Le, M Takise, M Sugimoto and K Nakamura*
8. Finite Element Analysis of Ground Behaviour due to Box-jacking Tunnel Work
By *K Komiya and T Nakayama*
9. Tunneling Induced Deformation of a Historic Building in Shanghai
By *Shi-ping Gea, Dong-wu Xied, Wen-qi Dinga, Ya-fei Qiao and Jin-chun Chai*
10. In-situ monitoring of internal displacements by FBG sensors and slope stability analysis under rainfall infiltration
By *Dongsheng Xu, Fei Tong, Huahu Pei, and Jianhua Yin*
11. Mechanistic-Empirical Pavement Design: A Brief Overview
By *A T Papagiannakis*

Vol. 44 No.2 June 2013

1. Soil-water-air coupled finite element analysis of model test on slope failure in unsaturated soil
By *Y.L. Xiong, X.H. Bao and F. Zhang*
2. Relation between seepage force and velocity of sand particles during sand boiling
By *K. Fujisawa, A. Murakami, S. Nishimura and T. Shuku*
3. A density-and stress-dependent elasto-plastic model for sands subjected to monotonic undrained torsional shear loading
By *G. Chiaro, J. Koseki and L.I. Nalin De Silva*
4. 1-G model test with digital image analysis for seismic behavior of earth dam
By *Y. Miyanaga, A. Kobayashi and A. Murakami*
5. X-ray CT imaging of 3-D bearing capacity mechanism for vertically loaded shallow foundations
By *D. Takano, J. Otani, M. Nakamura, and R. Mokwa*
6. Modeling and bending test simulations of cement treated soil
By *K. Kaneda, T. Tanikawa and S. Onimaru*
7. Modelling viscous effects during and after construction in London Clay
By *S. D. Clarke and C. C. Hird*

Vol. 44 No.3 September 2013

1. Numerical Simulation of the Rainfall Infiltration on Unsaturated Soil Slope Considering a Seepage Flow
By *S.Kimoto, F.Oka and E.Garcia*
2. Seismic Response of Gravity-Cantilever Retaining Wall Backfilled with Shredded Tire
By *N. Ravichandran and E. L. Huggins*
3. Numerical modeling of lateral response of long flexible piles in sand
By *Md. Iftakharuzzaman and Bipul C Hawlader*
4. A New Sampling Algorithm in Particle Filter for Geotechnical Analysis
By *T. Shuku, S. Nishimura, K. Fujisawa and A. Murakami*
5. Comparison of deep foundation systems using 3D finite element analysis employing different modeling techniques
By *F. Tschuchnigg & H.F. Schweiger*
6. Application of a constitutive model for swelling rock to tunnelling
By *B. Schadlich, T. Marcher and H.F. Schweiger*
7. Finite element modelling of seismic liquefaction in soils
By *V. Galavi, A. Petalas and R.B.J. Brinkgreve*
8. Random Wave-Induced Seabed Responses around Breakwater Heads
By *Y Zhang, D-S Jeng, Z-W Fu and J Ou*
9. Influence of brittle property of cement treated soil on undrained bearing capacity characteristics of the ground
By *S. Yamada, T. Noda, A. Asaoka and T. Shina*

Vol. 44 No.4 December 2013

Part I General papers

1. Behaviour of Clay Subjecting to Vacuum and Surcharge Loading in an Oedometer
By *J.-C. Chai, J. P. Carter, A. Saito and T. Hino*
2. Behaviour of Geogrid Reinforced Abutments on Soft Soil
By *Ennio M. Palmeira, André R.S. Fabel and Gregório. L. S. Araújo*
3. Geocell-Reinforced Granular Fill under Static and Cyclic Loading: A Synthesis of Analysis
By *X. Yang and J. Han*
4. Electrical Vertical Drains in Geotechnical Engineering Applications
By *J. K. Lee and J.Q. Shang*
5. Design and Performance of Soft Ground Improvement Using PVD with and without Vacuum Consolidation
By *P.V. Long, D.T. Bergado, L.V. Nguyen and A.S. Balasubramaniam*
6. Reassessment of Long-Term Performance of Geogrids by Considering Mutual Interaction among Reduction Factors.
By *Han-Yong Jeon and Yuan Chun Jin*

Part II State-of-the-art (review type) papers

1. Simulations of PVD Improved Reconstituted Specimens with Surcharge, Vacuum and Heat Preloading using Axisymmetric and Equivalent Vertical Flow Conditions
By *P. Voottipruex and D.T. Bergado, and W. Wongprasan*
2. Reinforced Embankments on Soft Deposits: Behaviour, Analysis and Design
By *C. Taechakumthorn and R.K. Rowe*
3. Current State of the Art in Vacuum Preloading for Stabilising Soft Soil
By *C. Rujikiatkamjorn and B. Indraratna*
4. Jet Grouting Practice: an Overview
By *Z.F. Wang, S.L. Shen, C.E. Ho and Y.H. Kim*
5. Deep Mixing Method in Japan
By *Masaki Kitazume*
6. Recent Studies of Geosynthetic Tubes and Mattress: an overview
By *Wei Guo, Jian Chu and Shuwang Yan*
7. Design Method for Bearing Reinforcement Earth Wall
By *S. Horpibulsuk, C. Suksiripattanapong and A. Chinkulkijniwat*
8. Current State of Knowledge on Thermal Consolidation using Prefabricated Vertical Drains
By *H. M. Abuel-Naga, G. A. Lorenzo and D. T. Bergado*