

## **PUBLICATION LIST**

### **BOOKS**

- (1) Ou, C. Y. (2006), Deep Excavation: Theory and Practice, Taylor and Francis, The Netherlands.
- (2) Lin, H. D., Liao, H. J. And Ou, C. Y. (1999), Design of Deep Excavation and Construction Practice, H. D. Lin ed., Scientific and Technical Publishing Co. Ltd., Taipei.
- (3) Ou, C. Y. (1996), Deep Excavation and Underground Construction, Tawan Building Construction Research Center.

### **REFERRED PAPER**

- (1) Teng, F.C., Chien, S.C. and Ou, C.Y. (2014), Soil improvement of electroosmosis with The chemical treatment using the suitable operation process, Accepted by Acta Geotechnica.
- (2) Khoiri, M, Ou, C. Y. and Teng, F. C. (2014), A comprehensive evaluation of strength and modulus parameters of a gravelly cobble deposit for deep excavation analysis, Accepted by Engineering Geology.
- (3) Chen, R. P., Lee, Z. C, Chen, Y. M. and Ou, C. Y. (2014), Failure investigation at a collapsed deep excavation in very sensitive organic soft clay, Journal of Performance of Constructed Facilities, ASCE.
- (4) Ou, C. Y., Chien, S. C., Yang, C. C. and Chen, C. T. (2014), Mechanism of Soil Cementation for Electro osmotic Chemical Treatment, Applied Clay Science (accepted).
- (5) Wu, S. H., Ching, J. and Ou, C. Y. (2014), Probabilistic observational method for estimating wall displacements in excavations, Canadian Geotechnical Journal (accepted).
- (6) Teng, F.C. and Ou, C. Y. (2014) Measurements and numerical simulations of the inherent stiffness anisotropy in soft Taipei clay, Journal of Geotechnical and Geoenvironmental Engineering, ASCE (accepted) .
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- (8) Do, T. N., Ou, C. Y. and Lim, A. (2013), Evaluation of factors of safety against basal heave for deep excavations in soft clay using the finite element method, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, Vol. 139, No. 12, pp.2125-2135.
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- (11) Ou, C. Y., Chien, S. C. and Lee, T. Y. (2013), Development of a Suitable Operation Procedure for Electroosmotic Chemical Soil Improvement, *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, Vol. 139, No. 6, pp. 993-1000 .
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- (13) Hsieh, P. G., Ou, C. Y. and Lin, Y. L. (2013), Three-dimensional numerical analysis of deep excavations with cross walls, *Acta Geotechnica*, Vol. 8, No. 1, pp. 33-48.
- (14) Khoiri, M. and Ou, C. Y. (2013), Evaluation of deformation parameter for deep excavation in sand through case histories, *Computers and Geotechnics*, Vol. 47, Jan. pp. 57-67.
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