## REFERENCES

- Das, B.M. Fundamentals of geotechnical engineering. 7<sup>th</sup> Edition. USA: Cengage Learning, 2010.
- Manfred, R.H. **Engineering principles ground modification**. Singapore: Mcgraw-Hill Publishing Company, 1990.
- William , T.L., Robert., V.W. Soil mechanics, SI version. New York: John Wiley & Sons, 1979.
- Nagaraj, T.S., Miura, N. Soft clay behaviour analysis and assessment: Taylor & Francis, 2001.
- Terzaghi, K. Theoretical soil mechanics. New York: John Wiley & Sons, 1943.
- Asaoka, A. Observational procedure of settlement prediction. Soils and Foundations, Japanese Society of Soil Mechanics and Foundation Engineering 18, 4, 1978.
- Barron, R.A. Consolidation of fine-grained soils by drain wells. Trans. ASCE 1948: 718–742.
- Bergado, D.T., Balasubramaniam, A.S., Fannin, R.J., and Holtz, R.D. Prefabricated vertical drains (PVDs) in soft Bangkok clay: a case study of the new Bangkok International Airport project. Canadian Geotechnical Journal 39, 2 2002: 304-315.
- Chai, J.C., Carter, J.P., Hayashi, S. Vacuum consolidation and its combination with embankment loading. Canadian Geotechnical Journal 2006: 985–996.
- Chai, J.C., Shen, S.L., Miura, N., and Bergado, D.T. Simple method of modeling PVD improved subsoil. Journal of Geotechnical Engineering, ASCE 2001: 965-972.
- Chu, J., and Yan, S.W. Application of vacuum preloading method in soil improvement project. Case Histories Book 3, Edited by Indraratna, B., and Chu, J., Elsevier, London 2005: 91-118.

- Chu, J., Yan, S.W., and Indraratna, B. Vacuum preloading techniques recent developments and applications. GeoCongress, New Orleans, Geosustainability and Geohazard Mitigation GPS 178, Reddy, KR, Khire, MV, Alshawabkeh, AN (eds) 2008: 586-595.
- Chu, J., and Yan, S.W. Estimation of degree of consolidation for vacuum preloading projects. International Journal of Geomechanics, ASCE 5, 2 2005: 158-165.
- Hansbo, S. Aspects of vertical drain design: Darcian or non-Darcian flow. Geotechnique, 47, 5 1997: 983-992.
- Hansbo, S. Consolidation of fine-grained soils by prefabricated drains. Proc., 10th Int. Conf. on Soil Mechanics and Foundations Engineering, Stockholm, Sweden 3 1981: 677–682.
- Hanzawa, H. and Tanaka, H. Normalized undrained strength of clay in the normally consolidated state and in the field. Soils and Foundations 32, 1 1992: 132-148
- Indraratna B., and Redana, I.W. Laboratory determination of smear zone due to vertical drain installation. Journal of Geotechnical and Geoenvironmental Engineering, ASCE 124, 2 1998: 180-184.
- Indraratna B., and Redana, I.W. Plane strain modeling of smear effects associated with vertical drains. Journal of Geotechnical and Geoenvironmental Engineering, ASCE 123,5 1997: 474-478.
- Indraratna, B. Recent advancements in the use of prefabricated vertical drains in soft soils, Australian Geomechanics Journal, March issue 2008: 29-46.
- Indraratna, B., and Redana, I. W. Laboratory determination of smear zone due to vertical drain installation. J. Geotech. Eng., ASCE 125, 1 1998: 96-99.
- Indraratna, B., and Redana, I.W. Numerical modeling of vertical drains with smear and well resistance installed in soft clay. Canadian Geotechnical Journal 37 2000: 133-145.

- Indraratna, B., Bamunawita, C., and Khabbaz, H. Numerical modeling of vacuum preloading and field applications. Canadian Geotechnical Journal 41 2004: 1098-1110.
- Indraratna, B., Rujikiatkamjorn C., and Sathananthan, I. Analytical and numerical solutions for a single vertical drain including the effects of vacuum preloading. Canadian Geotechnical Journal 42 2005: 994-1014.
- Indraratna, B., Rujikiatkamjorn, C., Balasubramaniam, A.S., and Wijeyakulasuriya. **Prediction and observations of soft clay foundations stabilized with geosynthetic drains and vacuum surcharge**. Ch. 7, Ground Improvement Case Histories 2005.
- John, D., McKinley. Coupled consolidation of a solid, infinite cylinder using a Terzaghi formulation. Computers and Geotechnics 23 1998: 193-204.
- Kjellman, W. Consolidation of clay soils by atmospheric pressure.

  Proceedings of a conference on soil stabilization, Massachusetts
  Institute of Technology, Boston 1952: 258-263.
- Rujikiatkamjorn, C., Indraratna, B. **Soft ground improvement by vacuum-assisted preloading**. Australian Geomechanics Journal 2007: 19-30.
- Tanaka, H., Shiwakoti, D.R., and Tanaka, M. Applicability of SHANSEP method to six different natural clays, using triaxial and direct shear tests. Soils and Foundations 43, 3, 2003: 43-56
- Watabe, Y., Tanaka, M., Tanaka, H. and Tsuchida, T. Ko-consolidation in a triaxial cell and evaluation of in-situ Ko for marine clays with various characteristics. Soils and Foundations 43, 1 2003: 1-20