

DAFTAR PUSTAKA

- Bowles, J. E. 1997. Foundation Analysis and Design. *Engineering Geology* (5th ed., Vol. 20).
- Dafalla, M., Al-Shamrani, M., & Al-Mahbashi, A. 2017. Expansive Soil Foundation Practice in a Semiarid Region. *Journal of Performance of Constructed Facilities*, 31(5), 04017084-1-8.
- Das, B. M. 2016. *Fundamentals of Geotechnical Engineering* (Third; S. Gerger-Knechtl, ed.). Madrid, Spain: Chris Carson Developmental.
- Diana, W., Hardiyatmo, H. C., & Suhendro, B. 2016. Small-scale experimental investigation on the behaviour of nailed slab system in expansive soil. *AIP Conference Proceedings*, 1755, Yogyakarta, 21 July 2016, 060002-1-060002-060007.
- Diana, W., Hardiyatmo, H. C., & Suhendro, B. 2017. Effect of Pile Connections on the Performance of the Nailed Slab System on the Expansive Soil. *International Journal of GEOMATE*, 12(32), 134-141.
- Diana, W., Hartono, E., & Widiyanti, A. 2017. Pengaruh Kadar Air Awal Dan Surcharge Pressure Pada Uji Karakteristik Pengembangan Tanah Ekspansif. *Media Komunikasi Teknik Sipil*, 23(2), 124-132.
- Hardiyatmo, H. C. 2017a. *Perancangan Perkerasan Jalan & Penyelidikan Tanah* (2nd ed.). Gadjah Mada University Press. Yogyakarta.
- Hardiyatmo, H. C. 2017b. *Tanah Ekspansif Permasalahan dan Penanganan*. Gadjah Mada University Press. Yogyakarta.
- Hatmoko, J. T., & Lulie, Y. 2007. UCS Tanah Lempung Ekspansif yang Distabilisasi dengan Abu Ampas Tebu dan Kapur. *Jurnal Teknik Sipil*, 8(1), 64-77.
- Kalantari, B. 2012. Foundations on Expansive Soils : A Review Foundations on Expansive Soils : A Review. *Research Journal of Applied Sciences, Engineering and Technology*, 4(18), 3231-3237.
- Khodair, Y., & Abdel-mohti, A. 2014. Numerical Analysis of Pile – Soil Interaction under Axial and Lateral Loads. *International Journal of Concrete Structures and Materials*, 8(3), 239-249.
- Loahardjo, L., Goni, R. S., Tjandra, D., & Suwono, J. I. 2013. Studi Mengenai Kapasitas Friksi Tiang Pada Tanah Lempung Ekspansif Yang Ditinjau Dari Kadar Air Tanah, Waktu, Dan Material. *Jurnal Dimensi Pratama Teknik Sipil*, 2(2), 1-8.
- Muntohar, A. S. 2014. *Mekanika Tanah* (3rd ed.). Lembaga Penelitian,

Publikasi, dan Pengabdian Masyarakat (LP3M) Universitas Muhammadiyah Yogyakarta. Yogyakarta.

- Nelson, J. D., Chao, K. C., Overton, D. D., & Nelson, E. J. 2015. *Foundation Engineering for Expansive Soils*. Canada: John Wiley & Sons, Inc., Hoboken, New Jersey.
- Puri, A. 2015. Studi paramterik perkerasan jalan beton sistem pelat terpaku pada tanah dasar lunak. *Proceedings ACES (Annual Civil Engineering Seminar), Pekanbaru, 2015, Vol 1*, 305–313.
- Puri, A., Hardiyatmo, H. C., Suhendro, B., & Rifa'i, A. 2011. Studi Eksperimental Lendutan Pelat yang Diperkuat Tiang-tiang Friksi Pendek pada Lempung Lunak. *Prosiding PIT (Pertemuan Ilmiah Tahunan) XIV HATTI, Yogyakarta, 10-11 February, 2011*, 317–321.
- Puri, A., & Mildawati, R. 2019. Investigasi Numerik Perkerasan Jalan Sistem Pelat Terpaku terhadap Variasi Dimensi Struktur. *BENTANG*, 7(1), 1–7.
- Puri, A., Rifa'i, A., Suhendro, B., & Hardiyatmo, H. C. 2014. Behavior Of Nailed-Slab System On Soft Clay Due To Repetitive Loadings By Conducting Full. *The 17 Th FSTPT International Symposium, Jember, 22-24 Agustus, 2014*, 739–750.
- Skempton, A. W. 1953. *The Colloidal Activity of Clays*. Selected papers on soil mechanics, 106-118.
- Wardani, S., & Muntohar, A. S. 2018. *Perbaikan Tanah*. Lembaga Penelitian, Publikasi, dan Pengabdian Masyarakat (LP3M) Universitas Muhammadiyah Yogyakarta. Yogyakarta.
- Xiao, H., Zhang, C., Wang, Y., & Fan, Z. 2011. Pile-Soil Interaction in Expansive Soil Foundation: Analytical Solution and Numerical Simulation. *International Journal of Geomechanics*, 11(3), 159–166.
- Yuliet, R., Hakam, A., & Febrian, G. 2011. Uji Potensi Mengembang Pada Tanah Lempung Dengan Metoda Free Swelling Test (Studi Kasus: Tanah Lempung Limau Manih – Kota Padang). *Jurnal Rekayasa Sipil*, 7(1), 25–36.