

DAFTAR PUSTAKA

- Arbianto, R., Susilo, B., & Surjandari, N. S. 2009. Studi Korelasi Indeks Plastisitas dan Batas Susut terhadap Perilaku Mengembang Tanah.
- 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.
- 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., & Widiani, 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. 2011. Method to Analyze the Deflection of the Nailed-slab System. *International Journal of Civil & Environmental Engineering*, 11(4), 22-28.
- Hardiyatmo, H. C. 2010. Method Calculations For The Deflections, Moments And Shears on Cakar Ayam System to Design Concrete Road Pavements. *Dinamika Teknik Sipil*, 10(1), 27-33.
- Hardiyatmo, H. C. 2017. Tanah Ekspansif :Permasalahan dan Penanganan. Cetakan ke-2. Yogyakarta: Gadjah Mada University Press.
- Houston, S. L., Dye, H. B., Zapata, C. E., Walsh, K. D., & Houston, W. N. 2009. Study of expansive soils and residential foundations on expansive soils in Arizona. *Journal of performance of constructed facilities*, 25(1), 31-44.
- 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.

- Mohamedzein, Y. E., 2006. Finite Element Analysis of Piers in Expansive Soils. Dalam: *Expansive Soils Recent Advances in Characterization and Treatment*. London: Taylor & Francis Group, pp. 231-243.
- Puri, A., Hardiyatmo, C. H., 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 Februari, 2011, 317-321.
- Puri, A., & Mildawati, R. 2019. Investigasi Numerik Perkerasan Jalan Sistem Pelat Terpaku terhadap Variasi Dimensi Struktur. *BENTANG*, 7(1), 1-7.
- Skempton, A. W. 1953. *The Colloidal "Activity" of Clays. V.1(P I)*, 57–61.
- Sorochan, 1991. *Construction of Buildings on Expansive Soils*. Brookfield: A.A. Balkema Publishers.
- Wardani, S. P. R., dan Muntohar, A. S., 2018. *Prinsip – prinsip Perbaikan Tanah*. Revisi ke-1. Yogyakarta: LP3M UMY.
- Wijanarko, S. A., Setiawan, B., & Djarwanti, N. 2018. Pengaruh Penambahan Kolom Tanah Semen Terhadap Perpindahan Vertikal Tanah Dasar Ekspansif Saat Kondisi Mengembang. *Matriks Teknik Sipil*, 6(1). 43-48.
- Xiao, H. B., Zhang, C. S., Wang, Y. H., & Fan, Z. H. 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.