



DAFTAR PUSTAKA

- Abuel-Naga, H., Bouazza, A., 2009. Equivalent diameter of a prefabricated vertical drain. *Geotextiles and Geomembranes* 27, 227–231. <https://doi.org/10.1016/J.GEOTEXMEM.2008.11.006>
- Bergado, D.T., Balasubramaniam, A.S., Fannin, R.J., Holtz, R.D., 2002. Prefabricated vertical drains (PVDs) in soft Bangkok clay: a case study of the new Bangkok International Airport project. *Canadian Geotechnical Journal* 39, 304–315.
- Bo, M. W., 2004. Discharge capacity of prefabricated vertical drain and their field measurements. *Geotextiles and Geomembranes* 22, 37–48. [https://doi.org/10.1016/S0266-1144\(03\)00050-5](https://doi.org/10.1016/S0266-1144(03)00050-5)
- Bo, M.W., Arulrajah, A., Horpibulsuk, S., Leong, M., 2015. Quality management of prefabricated vertical drain materials in mega land reclamation projects: A case study. *Soils and foundations* 55, 895–905.
- Chrismaningwang, G., 2022. Analisis Kinerja Drainase Vertikal Oleh Pengaruh Cara Penyambungan Pvd-Phd, Tekanan Kekang, Dan Permeabilitas Selimut Pasir. Universitas Gadjah Mada, Yogyakarta.
- Darmawandi, A., Waruwu, A., Halawa, T., Harianto, D., Muammar, M., 2020. Karakteristik tanah lunak Sumatera Utara berdasarkan pengujian kuat tekan bebas, dalam: Seminar Nasional Teknik (SEMNASTEK) UISU. hlm. 16–20.
- Darwis, 2018. *Dasar-Dasar Mekanika Tanah*, 1 ed. Pena Indis, Yogyakarta.
- Das, B.M., 2019. *Advanced Soil Mechanics*, 5 ed. CRC Press, Boca Raton.
- Das, B.M., 2007. *Fundamental of Geotechnical Engineering*, 3 ed. Chris Carson, Madrid.
- Departemen Permukiman dan Prasarana Wilayah, 2002. *Panduan Geoteknik 1*, 1 ed. WSP International, Jakarta.
- Geng, C., Yonghui, C., Jiangwei, S., Long, C., 2017. Newly developed technique and analysis solution to accelerate consolidation of ultrasoft soil. *Marine Georesources & Geotechnology* 35, 292–299. <https://doi.org/10.1080/1064119X.2015.1126772>
- Gouw, T.-L., Yu, L., 2012. Soil improvement by vacuum preloading for a power plant project in Vietnam.
- Hamdhan, I.N., Akbar, R.M., 2022. Pemodelan Perbaikan Tanah Lunak Dengan Kombinasi Metode Vacuum Preloading Dan Deep Mixing Column. *JMTS: Jurnal Mitra Teknik Sipil* 857–870.
- Hardiyatmo, H.C., 2020. *Perbaikan Tanah*, 1 ed. UGM Press, Yogyakarta.
- Hardiyatmo, H.C., 2012. *Mekanika Tanah 1*, Edisi Keenam. Gajah Mada University.
- Herwandi, H., Marsudi, M., Aprianto, A., 2017. Pengaruh Gradasi dan Kepadatan Relatif (Dr) terhadap Nilai Permeabilitas Tanah Pasir. Tanjungpura University.



- Kesumah, A., 2022. Analisis Value Engineering Pada Perencanaan Fondasi Di Tanah Lunak Dengan Menggunakan Perbaikan Tanah Metode Vacuum. *Jurnal Muara Sains, Teknologi, Kedokteran dan Ilmu Kesehatan* 6, 181–190.
- Kuswanda, W.P., 2016. Perbaikan Tanah Lempung Lunak Metoda Preloading Pada Pembangunan Infrastruktur Transportasi Di Pulau Kalimantan. *INFO-TEKNIK* 188–207.
- Lorenzo, G.A., Bergado, D.T., Bunthai, W., Hormdee, D., Phothiraksanon, P., 2004. Innovations and performances of PVD and dual function geosynthetic applications. *Geotextiles and Geomembranes* 22, 75–99. [https://doi.org/10.1016/S0266-1144\(03\)00053-0](https://doi.org/10.1016/S0266-1144(03)00053-0)
- Ngo, D.H., Horpibulsuk, S., Suddeepong, A., Hoy, M., Udomchai, A., Doncommul, P., Rachan, R., Arulrajah, A., 2020. Consolidation behavior of dredged ultra-soft soil improved with prefabricated vertical drain at the Mae Moh mine, Thailand. *Geotextiles and Geomembranes* 48, 561–571.
- Prasetio, A., Prihatiningsih, A., 2020. Analisis Penggunaan Prefabricated Vertical Drains (PVD) pada Tanah Lempung Lunak yang Terdapat Lapisan Lensa. *JMTS: Jurnal Mitra Teknik Sipil* 119–134.
- Putra, H., 2020. *Mekanika Tanah*.
- Raj, P.P., 1999. *Ground improvement techniques (HB)*. Firewall Media.
- Rixner, J.J., Kraemer, S.R., Smith, A.D., 1986. *Prefabricated Vertical Drains*. Virginia.
- Saowapakpi boon, J., Bergado, D.T., Voottipruex, P., Lam, L.G., Nakakuma, K., 2011. PVD improvement combined with surcharge and vacuum preloading including simulations. *Geotextiles and Geomembranes* 29, 74–82. <https://doi.org/10.1016/J.GEOTEXMEM.2010.06.008>
- Soedarmo, G.D., Purnomo, S.J.E., 1997. *Mekanika Tanah 1 dan Mekanika Tanah 2*. Penerbit Kanisius.
- Song, D., Pu, H., Khoteja, D., Li, Z., Yang, P., 2022. One-dimensional large-strain model for soft soil consolidation induced by vacuum-assisted prefabricated horizontal drain. *European Journal of Environmental and Civil Engineering* 26, 5496–5516. <https://doi.org/10.1080/19648189.2021.1907228>
- Sunarya, S., Tsakti, A.I., 2017. *Perencanaan Perbaikan Tanah dengan Vertikal Drain Menggunakan Analisis Program Visual Basic (Doctoral Dissertation)*. Universitas Diponegoro, Semarang.
- Susiazti, H., Widiastuti, M., Widayati, R., 2020. Analisis Penurunan Konsolidasi Metode Preloading Dan Prefabricated Vertical Drain (PVD). *Teknologi Sipil: Jurnal Ilmu Pengetahuan dan Teknologi* 4, 1–8.
- Thohiroh, I.A., 2017. *Analisis Perbaikan Tanah Lunak Dengan Drainase Kolom Pasir Dan Prefabricated Vertical Drain (PVD)*. Universitas Gadjah Mada, Yogyakarta.
- Tran-Nguyen, H.H., Edil, T.B., Schneider, J.A., 2010. Effect of deformation of prefabricated vertical drains on discharge capacity. *Geosynth Int* 17, 431–442.



- Vairakannu, K., Jayanthi, R., 2014. Effectiveness of Prefabricated Vertical Drains Over Conventional Sand Drains in Indian Railway Project. *Indian J Appl Res* 4, 96–99.
- Xue, J.-F., Chen, J.-F., Liu, J.-X., Shi, Z.-M., 2014. Instability of a geogrid reinforced soil wall on thick soft Shanghai clay with prefabricated vertical drains: a case study. *Geotextiles and Geomembranes* 42, 302–311.
- Zambika, R., Fatnanta, F., Muhardi, M., 2019. Stabilisasi Tanah Menggunakan Abu Kayu Terhadap Tanah Lunak Bengkalis. *JUTEKS: Jurnal Teknik Sipil* 4, 5–17.
- Zhafirah, A., Amalia, D., others, 2019. Perencanaan Preloading Dengan Penggunaan Prefabricated Vertical Drain Untuk Perbaikan Tanah Lunak Pada Jalan Tol Pejagan-Pemalang. *Potensi: Jurnal Sipil Politeknik* 21, 10–18.