

## DAFTAR PUSTAKA

- Abadi, S. S., Roestaman., Permana, S., 2021, Analisis Perbandingan Kapasitas Kuat Dukung Pondasi Bore Pile Berdasarkan Hasil Pengujian SPT dan CPT, *Jurnal Konstruksi*, 19(2): 549-560.
- Ameratunga, J., Sivakugan, N., and Das, B. M., 2016, *Correlations of Soil and Rock Properties in Geotechnical Engineering*, Springer, New Delhi, pp. 87-113, 148-153.
- Aoki, N., dan Velloso, D., 1975, *An Approximate Method to Estimate the Bearing Capacity of Piles*, Proceedings of the 5<sup>th</sup> Pan-American Conference on Soil Mechanics and Foundation Engineering, Buenos Aires, pp. 367-376.
- Badan Standardisasi Nasional, 2008, *SNI 4153:2008 tentang Cara Uji Penetrasi Lapangan dengan SPT*, Jakarta, pp. 1-20.
- Badan Standardisasi Nasional, 2017, *SNI 8460:2017 tentang Persyaratan Perencanaan Geoteknik*, Jakarta, pp. 1-323.
- Badan Standardisasi Nasional, 2019, *SNI 1726:2019 tentang Persyaratan Beton Struktural untuk Bangunan Gedung*, Jakarta, pp. 1-254.
- Badan Standardisasi Nasional, 2020. *SNI 1727:2020 tentang Beban Desain Minimum dan Kriteria Terkait untuk Bangunan Gedung dan Struktur Lain*, Jakarta, pp. 1-336.
- Bowles, J. E., 1997, *Foundation Analysis and Design Internasional 5<sup>th</sup> edition*, McGraw-Hill, Singapore, pp. 1-1241.
- Broms, B. B., 1964, The Lateral Resistance of Piles in Cohesive Soils, *Journal of the Soil Mechanics and Foundations Division*, 90 (2): 27-63, 123-156.
- Budhu, M., 2011, *Soil Mechanics and Foundation 3<sup>th</sup> edition*, John Wiley & Sons, United States of America, pp. 1-781.
- Budi, G. S., Kosasi, M., dan Wijaya, D. H., 2015, *Bearing Capacity of Pile Foundations Embedded in Clays and Sands Layer Predicted Using PDA Test and Static Load Test*, *Procedia Engineering*, 125 (Proced): 406-410.
- Celesta, Z., 2023, Evaluasi Perilaku Tiang Bor pada Jembatan Brambang dengan Plaxis 3D (Studi Kasus : Jembatan Brambang, Jalan Tol Solo – Yogyakarta – NYIA Kulon Progo), Skripsi, Universitas Gadjah Mada.
- Chin, F. K., 1970, *Estimation of the Ultimate Load of Piles not Carried to Failure*, Southeast Asian Society of Soil Engineering, Singapore, pp. 81-90.
- Coduto, D. P., 2001, *Foundation Design Principles and Practices 2<sup>th</sup> edition*, Pearson Education, New Jersey, pp 1-984.
- Das, B. M., 2010, *Principles of Geotechnical Engineering 7<sup>th</sup> edition*, Cengage Learning, Stamford, pp. 1-683.
- Décourt, L., 1982, *Prediction of the Bearing Capacity of Piles Based Exclusively on N-Value of the SPT*, Proceedings of 2<sup>nd</sup> European Symposium on Penetration Testing, Amsterdam, pp. 29-34.
- Décourt, L., 1999, *Behavior of Foundations Under Working Load Conditions*. Proceedings of the 11<sup>th</sup> Pan-American Conference on Soil Mechanics and Geotechnical Engineering, Brazil, pp. 453 - 488.



- Decourt, L., 2008, *Loading Tests: Interpretation and Prediction of their Results*, Conference: Symposium Honoring Dr. John H. Schmertmann for His Contributions to Civil Engineering at Research to Practice in Geotechnical Engineering Congress 2008.
- Depdiknas, 2003, Peraturan Menteri Pendidikan Nasional Nomor 20 Tahun 2003 tentang Standar Isi, Jakarta, pp. 1-42.
- Fellenius, B. H., 2001, *What Capacity Value to Choose from the Results a Static Loading Test*, Deep Foundation Institute, New Jersey, pp. 19-22.
- Frank, R., 2006. *Design of Pile Foundations Following Eurocode 7*, Slovenian Geotechnical Society, Ljubljana, pp. 577-586.
- Gabrielaitis, L., Papinigis, V., Žaržojus, G., 2013, *Estimation of Settlements of Bored Piles Foundation*, Elsevier, Lithuania, pp. 287-293.
- Hardiyatmo, H. C., 2006, *Mekanika Tanah I*, 4<sup>th</sup> edition, Gadjah Mada University Press, Yogyakarta, pp. 1-208.
- Hardiyatmo, H.C., 2006. *Mekanika Tanah II*, 6<sup>th</sup> edition, Gadjah Mada University Press, Yogyakarta, pp. 1-209.
- Hardiyatmo, H.C., 2015. *Analisis dan Perancangan Fondasi 2*, 3<sup>rd</sup> edition, Gadjah Mada University Press, Yogyakarta.
- Hashfi, T. M. A., 2022. Analisis Kapasitas Dukung dan Penurunan Pondasi Bored Pile Dengan Variasi Dimensi (Studi Kasus : Proyek Pembangunan Gedung Fakultas Ilmu Budaya Institut Seni Budaya Indonesia, Aceh), Tugas Akhir, Universitas Islam Indonesia.
- Huat, C. Y., Moosavi, S. M. H., Mohammed, A. S., Armaghani, D. J., Ulrikh, D. V., Monjezi, M., dan Lai, S. H., 2021, Factors Influencing Pile Friction Bearing Capacity: Proposing a Novel Procedure Based on Gradient Boosted Tree Technique, *Sustainability*, 13(11852): 1-23.
- Idriss, I. M. and Boulanger, R. W., 2006, Semi-Empirical Procedures for Evaluating Liquefaction Potential During Earthquakes. *Journal Soil Dynamics and Earthquake Engineering*, 26(2): 115-130.
- Idriss, I. M. and Boulanger, R. W., 2008, *Soil Liquefaction During Earthquakes*, Lynx Communication Group, California, pp. 1-264.
- Iwasaki, T., Tokida, K., Tatsuoka, F., 1981, Soil Liquefaction Potential Evaluation with Use of the Simplified Procedure, *International Conferences on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics*, pp. 208- 214.
- Kawengian, S., Balamba, S., dan Sarajar, A. N., 2018, Analisis Daya Dukung Lateral pada Tiang Pancang Kelompok di Dermaga Belang, *Jurnal Sipil Statik*, 6(9): 683-692.
- Kramer, S. L., 1996. *Geotechnical Earthquake Engineering*, Pretince-Hall, New Jersey, pp. 45-51.
- Lambe, T. W. dan Whitman, R. V., 1962, *Soil Mechanics 1<sup>st</sup> edition*, John Wiley & Sons, New York, 1-548.
- Look, B., 2014, *Handbook of Geotechnical Investigation and Design Tables 2<sup>nd</sup> edition*, Taylor & Francis Group, London, pp. 1-356.
- Mahmood, M. R., Salim, N. M., dan Abood, M. H., 2018, The Behavior of Laterally Loaded single Pile model in Unsaturated Cohesionless Soil, *International Conference on Materials Engineering and Science*, 454 (012175): 1-10.



- Mase, L. Z., 2018, Studi Keandalan Metode Analisis Likuifaksi Menggunakan SPT Akibat Gempa 8,6 Mw, 12 September 2007 di Area Pesisir Kota Bengkulu, *Jurnal Teknik Sipil*, 25(1): 53-60.
- Meyerhof, G. G., 1976, Bearing Capacity and Settlement of Pile Foundations, *Journal of the Geotechnical Engineering Division*, 102(3): 195-228.
- Meyerhof, G. G., Sastry, V. V. R. N., and Yalcin, A. S., 1988, Lateral Resistance and Deflection of Flexible Piles, *Can. Geotech. J.*, 25: 511-522.
- Mutiarasella, N., 2022. Analisis Daya Dukung dan Penurunan Pondasi Tiang Bor pada Gedung Masjid Hajjah Yuliana, Tugas Akhir, Universitas Islam Indonesia.
- Nasrulloh, 2019, Analisis Defleksi Lateral Tiang Tunggal Pada Tanah Kohesif, *e-Jurnal Matriks Teknik Sipil*, 38-43.
- Prativi, A., Dewi, P., Sutra, N., Adi, W. T., dan Weijia, C., 2022, Comparison of Individual Bored Pile Bearing Capacity Using the Results of Standard Penetration Test (SPT) and Pile Driving Analysis (PDA) Test of the Railway Bridge Foundation, *Journal of Railway Transportation and Technology*, 1(2): 14-23.
- Pertiwi, B. S., 2019, Evaluasi Kuat Dukung Fondasi Tiang Bor Terhadap Potensi Likuefaksi (Studi Kasus: Gedung Main Powerhouse Yogyakarta International Airport), Skripsi, Universitas Gadjah Mada.
- Ramli, M. H. Bin., 2006, *A Comparison of File Performance Base on Static Formulas and Dynamic Load Test*, Thesis, Universiti Teknologi Malaysia, Johor Bahru.
- Rawung, C. T., Sumampouw, J. E. R., dan Sompie, O. B. A., 2020, Analisis Perilaku Beban Lateral Eksentris terhadap Kapasitas Tiang Pancang Tunggal Vertikal pada Pasir Homogen, *Jurnal Sipil Statik*, 8(6): 871-882.
- Reese, L. C. and O'Neill, M. W., 1989, *New Design Method for Drilled Shaft from Common Soil and Rock Test*, Foundation Eng. Current Principles and Practice, pp. 1026-1039.
- Terzaghi, K., Peck, R. B., and Mesri, G., 1996, *Soil Mechanics in Engineering Practice 3<sup>rd</sup> edition*, JohnWiley & Sons, New York, pp. 1-534.
- Tomlinson, M. J., 2001, *Foundation Design and Construction Tomlinson 7<sup>th</sup> edition*, Pearson Education, England.
- Vesic, A. S., 1977, *Design of Pile Foundation*, Transportation Research Board National Research Council, Washington, D.C.