

## DAFTAR PUSTAKA

- Abdallah, I., Husein Malkawi, Alawneh, A. S., & Abu-Safaqah, O. T., 1999. Effects of Organic Matter on The Physical and The Physicochemical Properties of an Illitic Soil. *Applied Clay Science*, 14(5–6), 257–278.
- ASTM D2487-17., 2017. *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*. Pennsylvania, United States.
- Azizi, F., 2000. *Applied Analyses in Geotechnics*. London: E & FN Spon.
- Bowles, J. E., 1979. *Physical and Geotechnical Properties of Soils*. Tokyo: McGraw-Hill Book Company.
- Brinkgreve, J., 2007. *Reference Manual V.8 Manual Plaxis*. Delft: A. A Balkema Publisher.
- Craig, R. F., 1987. *Soil Mechanics* (Fourth Edition). Berkshire: ELBS English Language Book Society.
- Das, B. M., 2010. *Principles of Geotechnical Engineering* (Seventh Edition). Stamford: Cengage Learning.
- Das, B. M., 2011. *Principles of Foundation Engineering* (Seventh Edition). Stamford: Cengage Learning.
- Das, B. M., & Sivakugan, N., 2016. *Introduction to Geotechnical Engineering* (Second Edition). Boston: Cengage Learning.
- Duncan, J. M., Wright, S. G., & Bandon, T. L., 2014. *Soil Strength and Slope Stability* (Second Edition). New Jersey: John Wiley & Sons, Inc.
- El-Mossallamy, Y. M., Lutz, B., & Duerrwang, R., 2009. Special Aspects Related to The Behavior of Piled Raft Foundation. *Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering: The Academia and Practice of Geotechnical Engineering*, 2, 1366–1369.
- Gustafsson, P., & Tian, T., 2011. *Numerical Study of Different Creep Models Used for Soft Soils*. Gothenburg: Chalmers University of Technology.
- Hardiyatmo, H. C., 2008. Sistem Pelat Terpaku (*Nailed Slab*) untuk Perkuatan Pelat Beton pada Perkerasan Kaku (*Rigid Pavement*). *Prosiding Seminar Nasional Teknologi Tepat Guna Penanganan Sarana Prasarana*, MPSP-FT-UG.
- Hardiyatmo, H. C., 2014. *Mekanika Tanah II* (Edisi Kelima). Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, H. C., 2015. *Analisis dan Perancangan Fondasi II* (Edisi Ketiga). Yogyakarta: Gadjah Mada University Press.

- Hardiyatmo, H. C., 2017a. *Mekanika Tanah I* (Edisi ketujuh). Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, H. C., 2017b. *Analisis dan Perancangan Fondasi I* (Edisi Ketiga). Yogyakarta: Gadjah Mada University Press.
- Huang, P.-T., Patel, M., Santagata, M. C., & Bobet, A., 2009. *FHWA/IN/JTRP-2008/2 CLASSIFICATION OF ORGANIC SOILS*. United States: Purdue University.
- Huat, B. K., Kazemian, S., Prasad, A., & Barghchi, M., 2011. State of an Art Review of Peat: General perspective. *International Journal of the Physical Sciences*, Volume 6, Issue 8, 1988–1996.
- Kalantari, B., 2013. Civil Engineering Significant of Peat. *Global Journal of Researches in Engineering, Civil and Structural Engineering*, Volume 13, Issue 2, 26–28.
- Kog, Y. C., 2015. Axially Loaded Piles in Consolidating Layered Soil. *International Journal of Geomechanics*, 16(1), 04015039.
- Leung, Y. F., Klar, A., & Soga, K., 2010. Theoretical Study on Pile Length Optimization of Pile Groups and Piled Rafts. *Journal of Geotechnical and Geoenvironmental Engineering*, Volume 136, Issue 2, 319–330.
- Liu, H. L., Ng, C. W. W., & Fei, K., 2007. Performance of a Geogrid-Reinforced and Pile-Supported Highway Embankment over Soft Clay: Case Study. *Journal of Geotechnical and Geoenvironmental Engineering*, Volume 133, Issue 12, 1483–1493.
- McCormac, J. C., & Brown, R. H., 2014. *Design of Reinforced Concrete* (Ninth Edition). New Jersey: John Wiley & Sons, Inc.
- Mesri, G., & Ajlouni, M., 2007. Engineering Properties of Fibrous Peats. *Journal of Geotechnical and Geoenvironmental Engineering*, Volume 133, Issue 7, 850–866.
- Miranda, E. F., 2017. *Pengaruh Tekanan Kekang Terhadap Kapasitas Dukung Sistem Pelat Terpaku dalam Uji Dua Dimensi*. Yogyakarta: Universitas Gadjah Mada.
- Mukti, P. L. W., 2015. *Kajian Modulus Reaksi Tanah Dasar Ekuivalen dan Tahanan Gesek Termobilisasi dengan Pelat Bujur Sangkar pada Sistem Pelat Terpaku di Tanah Pasir*. Yogyakarta: Universitas Gadjah Mada.
- Murali, K., Sambath, K., & Hashir, S. M., 2018. A Review on Clay and its Engineering Significance. *International Journal of Scientific and Research Publication*, Volume 8, Issue 2, 8–11.

- Naeini, S. A., Moayed, R. Z., Kordnaeij, A., & Mola-Abasi, H., 2018. Elasticity Modulus of Clayey Deposits Estimation Using Group Method of Data Handling Type Neural Network. *Measurement: Journal of the International Measurement Confederation*, 121, 335–343.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat Direktorat Jenderal Bina Marga, 2017. *Manual Perkerasan Jalan* (Revisi Juni 2017), Nomor 04/SE.Db/2017.
- Puri, A., 2015. Studi Paramterik Perkerasan Jalan Beton Sistem Pelat Terpaku pada Tanah Dasar Lunak. *Annual Civil Engineering Seminar*, 978–979.
- Razali, S. N. M., Bakar, I., & Zainorabidin, A., 2013. Behavior of Peat Soil in Instrumented Physical Model Studies. *Procedia Engineering*, 53, 145–155.
- Reul, O., 2004. Numerical Study of the Bearing Behavior of Piled Rafts. *International Journal of Geomechanics*, Volume 4, Issue 2, 59–68.
- Ryltenius, A., 2011. *FEM Modelling of Piled Raft Foundations in Two and Three Dimensions*. Sweden: Department of Construction Science Lund University.
- Sanglerat, G., 1972. *The Penetrometers and Soil Exploration*. Amsterdam:Elsevier.
- Sanjaya, H., 2014. *Kajian Tahanan Gesek Termobilisasi dan Modulus Reaksi Tanah Dasar Ekuivalen pada Perkerasan Sistem Pelat Terpaku di Tanah Pasir*. Yogyakarta: Universitas Gadjah Mada.
- Satibi, S., 2009. *Numerical Analysis and Design Criteria of Embankments on Floating Piles*. Stuttgart: Institut für Geotechnik Universität Stuttgart.
- Satibi, S., van der Meij, R., & Leoni, M., 2007. *Piled Embankments: Literature Review and Required Further Research Using Numerical Analysis*. Stuttgart: Institut für Geotechnik Universität Stuttgart.
- Sharma, L. K., Singh, R., Umrao, R. K., Sharma, K. M., & Singh, T. N., 2017. Evaluating the Modulus of Elasticity of Soil Using Soft Computing System. *Engineering with Computers*. Springer-Verlag London, Volume 33, Issue 3.
- Sing, W. L., Hashim, R., & Ali, F., 2011. Unconfined Compressive Strength Characteristics of Stabilized Peat. *Academic Journals Scientific Research and Essays*, Volume 6, Issue 9, 1915–1921.
- Terzaghi, K., & Peck, R. B., 1948. *Soil Mechanics in Engineering Practice*. New York: John Wiley & Sons.
- Terzaghi, K., Peck, R. B., Mesri, G., 1996. *Soil Mechanics in Engineering Practice* (Third Edition). Canada: John Wiley & Sons.

- Tomlinson, M. J., 2001. *Foundation Design and Construction* (Seventh Edition). England: Pearson Education Ltd.
- Waruwu, A., 2018. *Perilaku Pemampatan Tanah Gambut Akibat Beban Timbunan yang Didukung Sistem Pelat Terpakai*. Yogyakarta: Universitas Gadjah Mada.
- Waterman, D., 2006. *Structural elements in PLAXIS* (PLAXIS Fin). Delft: A. A Balkema Publisher
- Wright, J. K., & MacGregor, J. G., 2012. *Reinforced Concrete Mechanics & Design*. New Jersey: Pearson Education, Inc.
- Panduan Geoteknik-1, 2002. *Timbunan Jalan pada Tanah Lunak – Proses Pembentukan dan Sifat-sifat Dasar Tanah Lunak*. Departemen Permukiman dan Prasarana Wilayah, Edisi Pertama, WSP International.
- Panduan Geoteknik-4, 2002. *Timbunan Jalan pada Tanah Lunak - Desain dan Konstruksi*. Departemen Permukiman dan Prasarana Wilayah, Edisi Pertama, WSP International.