

## DAFTAR PUSTAKA

- Adi, Sapria., 2016. Analisis Pengaruh Variasi Diameter Pelat Helical Terhadap Daya Dukung Pondasi Helical pada Tanah Gambut, Jom FTEKNIK, Vol. 3, No. 2, p. 1-8.
- Arsyad A., 2018. Performance of Helix Pile Raft Foundation in Tropical Fibrous Peat Soil Under Traffic Loads, Proceeding 20<sup>th</sup> SEAGC-3<sup>rd</sup> AGSSEA Conference in conjunction with 22<sup>nd</sup> Annual Indonesian National Conference on Geotechnical Engineering. Jakarta, p. 378-381.
- Arsyad A., 2017 Combined Helix Piles-Raft Foundation For Supporting Road Construction On Peat Soil, Proceeding of pile.
- Bell, F.G., 2000, Engineering properties of soils and rocks, 4th Ed. Oxford, London: Blackwell Science.
- Bolton, M.D., (1986) The Strength and dilatacy of sands. Geotechnique, 36 (1), pp 65-78
- Castro J., Karstunen M., 2009. Numerical Simulations Of Stone Column Installation, Canadian Geotechnical Journal.
- Colleselli, F., Cortellazzo, G., and Cola, S., 2000, Laboratory Testing of Italian Peat Soils. In Edil, T.B. and Fox, P.J., Geotechnics of High Water Content Materials, ASTM STP 1374. West Conshohocken, PA: American Society for Testing and Materials
- Dhowian, A.W., Edil, T.B., 1980, Consolidation Behavior of Peats. Geotechnical Testing Journal, 105-114.
- Ditra, Ralan., 2016. Analisis Pengaruh Jarak Pelat Helical Terhadap daya Dukung Tekan Helical Pile pada Tanah Gambut, Jom FTEKNIK, Vol. 3, No. 2, pp. 1-8.



J.M., Chang, C.Y., (1970). Nonlinear analysis of Stress and Strain Soil. ASCE J. Of the Soil Mech. and Found. Div., 96, 1629-1653.

Kondner, R.L. (1963). A Hyperbolic Stress Strain Formuation for Sands. 2. Pan. Am. ICOSFE Brazil, 1, 289-324.

Law Stuart., 2009. Numerical Modelling Of The Behaviour Of Stone And Composite Stone Columns In Soft Soils, Heriot-Watt University.

Meyerhof, G.G. 1951. "The Ultimate Bearing Capacity of Foundations." *Geotechnique*, Vol. 2, No. 4, pp. 301–331.

McClelland, B., 1974. Design of Deep Penetration Piles of Ocean Structures. ASCE Journal of the Geotechnical Engineering Division, Vol. GT7, pp. 705-747

McGeever, J., 1987, The Strength Parameters of an Organic Silt, MSc Thesis. University of Dublin, Trinity College

Panjaitan, S.R.N., 2013. Kajian Terhadap Nilai Kuat Geser Tanah Gambut Muara Batang Toru Sumatera Utara Setelah Mengalami Pemampatan Awal. *Jurnal Rancang Sipil*, 2, pp.71–89.

Parlan, 2016. Pengaruh Jumlah Plat Helical terhadap Daya Dukung Pondasi Tiang Helical pada Tanah Gambut, *Jom FTEKNIK*, Vol. 3, No. 2, p. 1-7.

Perko, A. Howard, 2009. *Helical Piles A Practical Guide to Design and Installation.*, John Wiley and Sons, Inc, New Jersey.

Poulos, H.G., and Davis, E.H. (1980). *Pile Foundation, Analysis and Design.* University of Sidney

Randolph, M.F., (1994) Design Methods for Pile Groups and Piled Raft Proc. 13th International Conf. On Soil Mechanics and Foundation Engineering, New Delhi (5):61-82

Schanz, T., Vermeer, P.A. (1998). Sepesial Issue on Pre-failure reformation Behaviour of geomaterials. *Geotechnique*, 48, 383-387.



Septimarna, Vonn., 2017. Analisis Daya Dukung Pondasi Kelompok Helical Pile pada Tanah Gambut, Jurnal APTEK, University of Pasir Pangairan, p 57 – 63.

Susila E., dkk., 2012. Settlement of a Full Scale Trial Embankment on Peat in Kalimantan: Field Measurements and Finite Element Simulations, Jurnal Teknik Sipil, Vol. 19 No. 3, P 249 – 264.

Tomlinson, Michael., and Woodward, John., 1977. Pile design and construction practice 8<sup>th</sup> Ed., Taylor and Francis, New York.

Warburton J., et al., 2004. Hydrological controls of surficial mass movements in peat, Earth-Science Reviews 67, P 139–156.

Wesley, D., 2010. Fundamentals of Soil Mechanics for Sedimentary and Residual Soils, Penerbit Andi, Yogyakarta.

Wong, L.S., Hashim, R., and Ali, F.H., 2009, A Review on Hydraulic Conductivity and Compressibility of Peat, Journal of Applied Sciences,

Xiang Xu., 2017. Numerical Implementation Of A Modified Mohr–Coulomb Model And Its Application In Slope Stability Analysis, Journal of J. Mod Transport, 25 (1):40-45.

Yang Qing., 2012. Numerical Analysis of End Effect in Triaxial Tests on Clay, Journal of EJGE, Vol. 17, p 700-707.

Zhou J. Jia., dkk., 2013. Bearing Capacity And Load Transfer Mechanism Of A Static Drill Rooted Nodular Pile In Soft Soil Areas, Journal of Zhejiang University-SCIENCE A, 14 (10):705-719, Hangzhou.

