



DAFTAR PUSTAKA

- Al Gharbawi, A. 2018. *Decrease In Failure Load Of Inclined Driven Piles By Using Allpile Program*. Matec Web Conf, Volume 162: The 3rd International Conference on Buildings, Construction and Environmental Engineering.
- Bina Teknik, Direktorat Jenderal Bina Marga. 2005. *Pd T-08-2008-B Panduan Geoteknik I : Proses Pembentukan dan Sifat-Sifat Dasar Tanah Lunak*. Jakarta. Departemen Pekerjaan Umum.
- Bowles J.E., 1977. *Foundation Analysis and Design*, McGraw-Hill Kogakusha, Ltd., Tokyo, Japan.
- Bowles J.E., 1991. *Sifat-Sifat Fisis Dan Geoteknis Tanah (Mekanika Tanah)*. Yogyakarta: Erlangga.
- Bowles J.E., 1993. *Sifat-Sifat Fisis Dan Geoteknis Tanah (Mekanika Tanah) Edisi Kedua*. Yogyakarta: Erlangga
- BPSDM PUPR. 2017. **Modul Geoteknik : Perencanaan Bendungan Tingkat Dasar**. Jakarta. Departemen Pekerjaan Umum.
- Coduto, D.P., 1994. *Foundation Design Principles and Practice*. New Jersey: Prentice Hall Inc
- Condrowati, Dian. 2019. *Makalah Desain Fondasi Reservoir*. Surabaya: Universitas Negeri Surabaya.
- Das, B.M., 2010. *Principles of Geotechnical Engineering*. 7th Edition. Stamford: Cengage learning
- Dinas Pengawasan dan Penataan Bangunan. 2007. *Peraturan Kepala Dinas Penataan dan Pengawasan Bangunan Nomor 50 Tahun 2007: Pedoman Perencanaan Struktur dan Geoteknik Bangunan*. Jakarta. Dinas Penataan dan Pengawasan Bangunan
- Exact Computer Engineering. 2017. *Modul Pelatihan Perangkat Lunak : Struktur (SAP 2000 dan ETABS)*. Yogyakarta : Exact Computer Engineering
- Hardiyatmo, H. C. 2002. *Mekanika Tanah Jilid 1* (edisi ke 3), Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, Hary C. 2017. *Analisis dan Perancangan Fondasi I* (edisi ke 3), Yogyakarta: Gadjah Mada University Press
- Hardiyatmo, Hary C. 2018. *Analisis dan Perancangan Fondasi II* (edisi ke 4), Yogyakarta: Gadjah Mada University Press
- J.B Ye et Al. 2021. *Experimental investigation of inclined RC pile groups under horizontal static and impact loads*. Engineering Structure, Volume 233. No: 111846. ISN 0141-0296
- Kraft, L.M. Jr., Foch, J.A and Amerasinghe, S.F. 1981. *Friction Capacity of Piles Driven into Clay*. Journal of Geotechnical Eng. Div, ASCE, Vol 107 Nomor 11, November. 1521-1541



Lab Mektan dan Batuan Teknik Sipil ITS, 2019. **Laporan Akhir Penyelidikan Tanah Di Lokasi Titik BH-2 Jawa Timur**. Jawa Timur : PDAM Giri Tirta

Lilies. 2015. **Analisa dan Desain Fondasi Tiang Pancang Berdasarkan Bentuk Tiang**. Jurnal Teknik Sipil, Volume 6 Nomor 2: Universitas Bandar Lampung.

Massarsch, K. Rainer & Wersäll, Carl. 2013. **Cumulative Lateral Soil Displacement Due to Pile Driving in Soft Clay**. 462-479. 10.1061/9780784412770.031.

McClelland, B. 1974. **Design of Deep Penetrations Piles for Ocean Structures**. Journal of Geotechnical Eng. Div. ASCE, Vol.100, No GT7, pp. 705-747

Nazir A, Nasr A. 2012 **Pullout capacity of batter pile in sand**. J Adv Res. 2013 Mar;4(2):147-54. doi: 10.1016/j.jare.2012.04.001. Epub 2012 May 7. PMID: 25685412; PMCID: PMC4195452

Rocscience Inc., 2022. **RSPile Axially Loaded Piles**.

Singh dan Arora 2017. **Influence Of Pile Inclination On Batter Pile Groups Subjected To Lateral Loading In Sand**. Proceedings of 29th Research World International Conference, Las Vegas, USA, 16th -17th March 2017, ISBN: 978-93-86291-88-2

Siska, H. N., & Yakin, Y. A. 2016. **Karakterisasi Sifat Fisis dan Mekanis Tanah Lunak di Gedebage**. Jurnal Online Institut Teknologi Nasional, 2(4), 44–55.

Skempton, A.W., 1951. **The Bearing Capacity of Clays**. London, England: Proc. Build. Res. Congres

SNI 8460:2017, 2017 **Persyaratan Perancangan Geoteknik**, Badan Standarisasi Nasional. Jakarta: Badan Standardisasi Nasional

Steenie dkk. 2018. **Modulus Elastitas Beton Geopolymer Berbasis Fly Ash dari PLTU Amurang**. Jurnal Teknik Sipil Statik, Volume 6 Nomor 7: Universitas Sam Ratulangi Manado

Supandjono, J. dkk. 1992, **Peta Geologi Lembar Surabaya- Sapulu**, Pusat Penelitian dan Pengembangan Geologi, Bandung.

Suryadi dkk. 2015. **Pengaruh Kemiringan Fondasi Tiang Terhadap Daya Dukung Tiang Tunggal Akibat Beban Vertikal**. Annual Civil Engineering Seminar: Universitas Riau

Teng, W.C, 1962. **Foundation Design**. N.J.: Prentice Hall, Englewood Cliffs

Terzaghi, K., 1943. **Theoritical Soil Mechanics**., New York: John Wiley and Sons

Tomlinson, M.J, 1963; 2001. **Foundation Design and Construction**. London, England: Pearson Education Ltd

Tomlinson, M.J, 1977; 2008. **Pile Design and Construction Practice**.5th Edition. London and New York: Taylor and Francis Group

U.S. Army Corp of Engineers, 1992. **Engineering and Design Bearing Capacity of Soils**. Washington, DC.: Engineers Manual No. 1110-1-1905.



Vijayvergiya, V.N. and Focht, J.A. Jr., 1972. ***A New Way to Predict Capacity of Piles in Clay***. Proc. Offshore Technology Conference, Houston : TX., May

Wardoyo, Sarwondo, Destiasari, F., Wahyudin, Wiyono, Hasibuan, G., & Solli, W. P. 2019. ***Atlas Sebaran Tanah Lunak Indonesia*** (Andiani, Sugalang, D. Murdohardono, & Kardiyanto (eds.). Badan Geologi Kementerian Energi dan Sumber Daya Mineral.

Wiratman Structure. 2020. ***Laporan Pendahuluan Bangunan Reservoir***. Jakarta: Wiratman Structure

Yakin dkk. 2017. ***Perilaku Tiang Pancang Tunggal pada Tanah Lempung Lunak di Gedebage***. Jurnal Teknik Sipil, Volume 3 Nomor 1 : Institut Teknologi Nasional Bandung

Yulipriyanto, H. 2010. ***Biologi Tanah dan Strategi Pengolahannya***. Yogyakarta: Graha Ilmu.

Zhang dkk. 2011, "***Research On Bearing Capacity Of Inclined Pile Under Vertical Load***," *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*.