

DAFTAR PUSTAKA
www.itk.ac.id

- Aini A. M., (2022), "Analisis Daya Dukung dan Penurunan Pondasi Tiang Pancang dengan Metode Meyerhof, Aoki & De Alencar dan Program Plaxis 8.6". Universitas Islam Sultan Agung Semarang, Jawa Tengah.
- Afrianto, A., (2017). "Analisa Perbandingan Perencanaan Pondasi Tiang Pancang Menggunakan Berbagai Macam Metode Pada Proyek Apartemen The Frontage Surabaya". Institut Teknologi Sepuluh Nopember, Surabaya.
- Alihudien A, & Dewi I.C. (2022), "Perilaku Pondasi Tiang Pancang Tunggal Akibat Beban Gempa Pada Lokasi Sekitar Pendaratan Ikan Puger Jember", *Jurnal Universitas Muhammadiyah Jember*, Vol. 16, No. 1 – 2022.
- Anggun, Riswiyanto (2019). *Study Analisis Daya Dukung Pondasi Tiang*. Institut Teknologi Surabaya 10 November 2017.
- American Society for Testing and Material (1997), Annual Book of ASTM Standard. Vol. 04-08, Soil and Rock, ASTM 100 Barr Harbor Drive, West Conshohocken, PA. 19428
- ASTM D 1586-83. *Standard Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes*.
- ASTM D 1586-84. *Standard Penetration Test and Split Barrel Sampling of Soils*.
- Badan Standarisasi Nasional. (2017), *Persyaratan Perancangan Geoteknik*, SNI-8460-2017, Badan Standarisasi Nasional Jakarta.
- Badan Standarisasi Nasional (2008). SNI 2827-2008 : Metode Pengujian Sondir Lapangan.
- Bagemann, H.K.S. (1965), *The Maximum Pulling Force on A Single Tension Pile Calculated on The Basis of Results of The Adhesion Jacked Cone*, Proc. 6th, Conf. SMFE, Vol.2., 220-233.
- Bowles, J.E. (1984), *Physical and Geotechnical Properties of Soils*, McGraw-Hill Book Company, USA.
- Bowles, J.E. (1996), *Foundations Analysis and Design*, McGraw-Hill Kogakusha, Ltd., Tokyo, Japan.

- Broms, B. B. (1964), *The Lateral Resistance of Piles in Cohesive Soils*, Journal of The Soil Mechanics Divisions, ASCE, Vol. 90, No. SM2, pp.27-63.
- Budiyanto, G. (2014), *Manajemen Sumber Daya Lahan*. LP3M UMY. Yogyakarta.
- Clayton, C. (1990). *SPT Energy Transmission: Theory, Measurement and Significance*. *Ground Engineering*, 23(10), 33 – 42.
- Choi H. Y., Lee S. R., ASCE M., Park H., & Kim D.H. (2013), *Evaluation of Lateral Load Capacity of Bored Piles in Weathered Granite Soil*, The journal of Geotechnical and Geoenvironmental Engineering, 139: 1477 – 1489.
- Coduto, P.D. (1994), *Foundation Design Principles and Practices*, Prentice-Hall Inc., Canada.
- Coyle, H.M., and Reese, L.C. (1966), *Load Transfer of Axially Loaded Pile in Clay*, JSMFD, ASCE, Vol. 92, SM2, March, pp.1-26
- Das, B.M. (1983), *Advance Soil Mechanics*, McGraw-Hill, New York.
- Das, B.M. (1993), *Principles of Geotechnical Engineering*, International Thomson Publishing, 3rd Ed.
- Decourt, L. (1987), *Prediction of Load – Settlement Relationship for Foundation on The Basis of The SPT*. *Int. J. of Geomate*, 4(2), 560 – 564.
- DeRuiter, J. and Beringen, F.L. (1979), *Pile Foundation for Large North Sea Structures*, Marine Geotechnology, Vol.3, pp.267-314.
- DeRuiter, M.T. (1973), *High Capacity Piles*, Proc. Of Lecture Series Innovations in Foundations Construction, ASCE, Illinois Section, Chicago.
- Direktorat Jenderal Bina Marga. (1999), *Pedoman Perencanaan Jalur Pejalan Kaki pada Jalan Umum*. Jakarta
- DPPW PUPR (2002), *Mekanika Tanah*, Nomor: 332/KPTSS/M/2002.
- Fakhrudin L, Hidayat A. K., & Sari N.K. (2022), “Analisis Daya Dukung dan Penurunan Pondasi Tiang Bor (*Bored pile*) Menggunakan Program ALLPILE 7.3B”, *Jurnal Universitas Siliwangi Tasikmalaya*, Vol. 4, No. 1 – 2022.
- FHWA. (1993), *Soil Nailing Field Inspector Manual*, Federal Highway Administration, United States
- Grim, R.E. (1953), *Clay Mineralogic*, McGraw-Hill, New York.

Hardiyatmo, H.C (2002), *Mekanika Tanah II*, Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C (2010), *Uji Beban Pada Plat Yang Didukung Tiang Tunggal Untuk Penentuan Kenaikan Modulus Reaksi Tanah – Dasar Akibat Pemasangan Tiang*, Dinamia Teknik Sipil, Vol 10, No.1, Januari 2010.,

Hardiyatmo, H.C (2015), *Analisis dan Perencanaan Fondasi II Edisi Ketiga*, Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C (2017), *Analisis dan Perencanaan Fondasi I Edisi Ketiga*, Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C (2018), *Mekanika Tanah I Edisi Ketujuh*, Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C (2019), *Mekanika Tanah II Edisi Keenam*, Gadjah Mada University Press, Yogyakarta.

Hashfi, T. M. A., (2022). “Analisis Kapasitas Dukung dan Penurunan Pondasi *Bored pile* dengan Variasi Dimensi”. Universitas Islam Indonesia, Yogyakarta.

John Wiley and Sons. (2000), *Manual Plaxis 2D V.8.6*, Volume 14, No., 1 February 2000, Reference Manual.

Johannessen, I.J. and Bjerrum, L. (1965), *Measurement of the Compression of a Steel Pile to Rock due to Settlement of the Surrounding Clay*, Proc. 6th Conf. SMFE, Vol.2., pp.261 – 264.

Kulhawy, F.H. (1991), *Foundation Engineering Handbook*, 2nd ed., Van Nostrand Reinhold, New York.

Leonard, G.A. (1962), *Foundation Engineering*, McGraw-Hill, New York.

Matlock, H. (1970), “Correlations for Design of Laterally Loaded Pile in Soft Clay, Proceedings of the 2” Annual Offshore Technology Conference.

Marbun, B. (2009), *Analisa Penurunan Elastis Pondasi Tiang Pancang*. Tugas Akhir, Jurusan Teknik Sipil, Universitas Sumatera Utara, Medan.

Mansur, C.I. and Hunter, A.A. (1970), *Pile Tests – Arkansas River Project*, JSMFD, ASCE, Vol.96, SM5, Sept., pp.1545 – 1582.

- Mansur, S, Patuti, I.M., Achmad, F. (2019), "Analisis Kapasitas Dukung dan penurunan Tiang Bor Tunggal Akibat Beban Gempa dengan Menggunakan PLAXIS 2D", *Jurnal Universitas Negeri Gorontalo*, Gorontalo.
- Manual Plaxis 2D V8.6. (2005), Referencen Manual.
- McNulty, J.F. (1956), *Thrust Loading on Piles*, Journal Soil Mech. And Foundation, Div. LXXII, ASCE.
- Meyerhof, G.G. (1953), *The bearing Capacity of Foundation under Eccentric and Inclined Loads*, 3 rd. Int. Conf. Soil mech. Found. Eng., Zurich, Switzerland, vol.1.
- Meyerhof, G.G. (1956), *Penetration Tests and Bearing Capacity of Cohesionless Soils*, JSMFD, ASCE, Vol.82, SM 1, pp. 1 – 19.
- Meyerhof, G.G. (1965), *Shallow Foundations*, Journal ASCE, Soil Mechanic Foundation Div, vol. 91. No. SM2.
- Meyerhof, G.G. (1976), *The bearing Capacity and Settlement of Pile Foundations*, Journal of Geotechnical Engineering Division, American Society of Civil Engineers, Vol. 102, No. GT3, pp.197-228.
- Muntohar, A. S., (2014), *Prinsip – prinsip Perbaikan Tanah*. Yogyakarta: LP3M UMY.
- Mutiarasella, N., (2022). "Analisis Daya Dukung dan Penurunan Pondasi Tiang Bor Pada Gedung Masjid Hajjah Yuliana". Universitas Islam Indonesia, Yogyakarta.
- Mustafid A., (2018), "Pengaruh Volume Prbaikan Tanah Terhadap Nilai CBR Pada Tanah Lunak Dengan Campuran Kapur, Semen, dan Fly Ash". Universitas Brawijaya, Malang.
- NCHRP (1993), *Downdrag on Bitumen Coated Piles*, Report 24 – 5, Brioud, J.LL. and Tucker, L.M. TRB, National Research Council, Washington, D.C.
- O'Neil, M.W. and Reese, L.C. (1989), *New Design Method for Drilled Shaft From Common Soil and Rock Tests*, Foundation Eng-Current Principles and Practices, pp.1026-1039.
- Plaxis (2002), *Version 8 Material Models Manual*, Plaxis, pp. 1 – 146, 2002.

Pranoto, Y. (2017), *Evaluasi penurunan gedung dan metode perbaikannya*,
Balikpapan

Prakarsa A. G., & Rijaluddin A. (2016), "Analisis Daya Dukung dan Penurunan
Pondasi Tiang Bor (*Bored pile*) Tunggal dengan Menggunakan Program
PLAXIS", *Jurnal Universitas Majalengka*, Vol. 03, No. 1 – 2016.

PT. Rekayasa Geoteknik Indonesia (2021), *Laporan Desain Geoteknik TCD TMII*,
Jakarta Timur, DKI Jakarta

PT. HAERTE Widya Konsultan Engineers (2021), *Laporan Desain Struktur TCD
TMII*, Jakarta Timur, DKI Jakarta

Ramadhany M, & Permana S. (2021), "Analisis Daya Dukung dan Penurunan
Pondasi *Bored pile* menggunakan Nilai SPT pada Proyek Pembangunan Kereta
Cepat Indonesia China", *Jurnal Konstruksi Sekolah Tinggi garut*, Vol. 19, No.
1 – 2021, Hal 212 - 218.

Reese, L. C., and Wright, S. J. (1977), *Drilled Shaft Manual*, Washington, D.C: U.S.
Dept. of Transportation Federal Highway Administration, Offices of Research
and Development, Implementation Division.

Robertson, P.K. and Campanella, R.G (1983), *Interpretation of Cone Penetration
Tests, Part 1 and 2*, Canadian Geotechnical Journal, Vol.20. pp. 718-745.

Sandy Y. T., dan Ramdlan Z. A. (2022), "Analisis Daya Dukung dan Penurunan
Tanah terhadap Pondasi Bored pile pada Proyek Gedung Student Center
Univeritas ATMA JAYA Yogyakarta, Yogyakarta

Schmertmann, J.H. (1967), *Static Cone to Compute Static Settlement Over Sand*,
Journal of SMFD, ASSCE, Vol.96, No.SM3, pp.1011-1043

Schmertmann, K. and Nottingham, L. (1975), *An Investigation of Pile Design
Procedures*, Final Report D629 to Florida Dept. of Transportation, Dept. of
Civil Eng., Univ. of Florida.

Schmertmann, J.H. (1978), *Improved Strain Factor Diagrams*, Proc. ASCE, Vol.104,
No.GT8, pp.1131-1135.

Schleicher, F. (1926). *Zur Theorie des Baugrundes*. Der Bauingenieur. No.48/49, pp.
931-935.

Skempton, A.W. (1951), *The Bearing Capacity of Clays*, Proc. Build. Res. Congress, London, England.

Skempton, A.W. (1986), *Standard Penetration Tests Procedures and the Effects in Sand of Overburden Pressure, Relative Density, Particle Size, Aging and Overconsolidation*, Geotechnique, Vol.36., No. 3. Pp.425-447

Smith, G.N. (1998), *Elements of Soil Mechanics for Civil and Mining Engineers*, Granada, London.

SNI 2826. (2008), *Cara Uji Modulus Elastisitas Batu dengan Tekanan Sumbu Tunggal*, Badan Standarisasi Nasional.

Srihandayani, S., Hakim, A., & Mera M. (2018), “Pondasi Super Ringan pada Tanah Lunak”, *Jurnal Universitas Andalas*, 2018.

Sukirman, S. (1992), *Perkerasan Lentur Jalan Raya*, Nova, Bandung.

Supriyanti, S. (2022), “ Analisis Daya Dukung Tanah Berdasarkan Data: Sondir, SPT, dan Laboratorium”, *Jurnal Kalibrasi – Karya Lintas Ilmu Bidang Rekayasa Sipil*, Vol. 5, 105 – 114.

Terzaghi, K. (1943), *Theoretical Soil Mechanics*, John Wiley and Son, New York.

Tomlinson, M.J. (1977;1994), *Pile Design and Construction Practice*, The Garden City Press Limited, Lechworth, Hertfordshire SG6 1JS.

U.S. Army Corp of Engineers (1992), *Engineering and design Bearing Capacity of Soils*, Engineers Manual No. 1110-1-1905.

Vesic, A.S. (1967), *A study of Bearing Capacity of Deep Foundations*, Final Rep. Proj. B-189, School of Civil Eng, Georgia, Atlanta.

Verhoef, PNW. (1994), *Geologi untuk Teknik Sipil*, Erlangga, Jakarta.

Zain R, Azizi A., & Salim M. A. (2021), “Analisis Daya Dukung dan Penurunan Pondasi Tiang Bor pada Proyek Pembangunan Gedung K Universitas Muhammadiyah Purwokerto”, *Jurnal Universitas Muhammadiyah Purwokerto*, Vol. 2, No. 2 – 2021, Hal 59 – 68.