

DAFTAR PUSTAKA

- Apriyono, A., and Sumiyanto, D., 2010, Tinjauan Kekuatan Sistem Penyangga Terowongan dengan Menggunakan Metode Elemen Hingga A Review of Tunnel Supporting Systems Using Finite Element Method: *Dinamika Rekayasa*, v. 6, p. 33–38.
- ASTM D 5731-07, 2007, Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications:, www.astm.org.
- Azeze, A.W., 2022, Comparison of General Limit Equilibrium Methods for Slope Stability Analysis: *Ethiop J Nat Comp Sci*, v. 2, p. 271–290, <https://orcid.org/0000-0002-5965-6608>.
- Badan Geologi, 2023, Peta Perkiraan Wilayah Terjadinya Gerakan Tanah Pada Bulan November 2023, Provinsi Jawa Tengah: Pusat Vulkanologi dan Mitigasi Bencana Geologi.
- Van Bemmelen, 1949, *Geology of Indonesia and Adjacent Arcipelagoes*: Batavia, The Netherlands Indies Volcanological Survey, v. IA, 1–766 p.
- Bieniawski, Z.T., 1989, *Engineering Rock Mass Classifications*: Canada, John Wiley & Sons, Inc., 1–250 p.
- Brahmantyo Bandono, B., Brahmantyo, B., and Geologi Terapan, K., 2006, Klasifikasi Bentuk Muka Bumi (Landform) untuk Pemetaan Geomorfologi pada Skala 1:25.000 dan Aplikasinya untuk Penataan Ruang: *Geoaplika*, v. 1, p. 71–78.
- Deere, D.U., and Miller, R.P., 1966, *Engineering Classification and Index Properties of Intact Rock*.
- Ditjen Bina Marga, 2021, SE Dirjen Bina Marga Nomor: 17/SE/Db/2021 tentang Penyelidikan Geologi Teknik dalam Pembangunan Terowongan Jalan: Direktorat Jenderal Bina Marga, p. 1–143.
- Djuri, M., Samodra, H., Amin, T.C., and Gafoer, S., 1996, *Peta Geologi Lembar Purwokerto dan Tegal*: Pusat Penelitian Geologi.
- Elya, H., 2024, *Kajian Geologi Teknik untuk Perancangan Terowongan Pengelak Bendungan Budong-Budong Provinsi Sulawesi Barat*.: Tesis Departemen Teknik Geologi UGM, 56–76 p.
- Firincioglu, B.S., and Ercanoglu, M., 2021, Insights and perspectives into the limit equilibrium method from 2D and 3D analyses: *Engineering Geology*, v. 281.

- 287 p.
- Hencher, S., 2012, Practical Engineering Geology: New York, Spon Press, 1–450 p.
- Hoek, E., Carter, T.G., and Diederichs, M.S., 2013, Quantification of the Geological Strength Index Chart: ARMA 47th US Rock Mechanics/Geomechanics Symposium 2013, v. 3, p. 1757–1764.
- Howard, A.D., 1967, Drainage Analysis In Geologic Interpretation A Summation: The American Association of Petroleum Geologists Bulletin, v. 51, p. 2246–2259.
- Indrawan, I.G.B., Sunardi, Murti, A.B., and Alfrianto, R., 2024, Comparison of stability analysis methods for safe design of volcanic rock slope: Journal of Degraded and Mining Lands Management, v. 12, p. 6651–6664.
- ISRM, 1978, Suggested Methods For The Quantitative Description of Discontinuities In Rock Masses: International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 15, p. 319–368.
- Jiang, G., Feng, Z., Zhao, R., Chen, Y., and Liu, X., 2024, Study on the Stability of Large Retrogressive Landslide and Treatment Technology: Journal of Engineering and Technological Sciences, v. 56, p. 231–243.
- Jiao, Y.Y., Wang, Z.H., Wang, X.Z., Adoko, A.C., and Yang, Z.X., 2013, Stability assessment of an ancient landslide crossed by two coal mine tunnels: Engineering Geology, v. 159, p. 36–44.
- JSCE, 2007, Standard Specifications for Tunneling - 2006: Mountain Tunnels: Japan Society of Civil Engineers.
- Kementerian ESDM, 2017, Peraturan Menteri Energi dan Sumber Daya Mineral Republik Indonesia No 2 Tahun 2017 tentang Cekungan Air Tanah di Indonesia: Kementerian Energi dan Sumber Daya Mineral.
- Kementerian PUPR, 2015, SE Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor: 30/SE/M/2015 tentang Metode Perencanaan Penggalan dan Sistem Perkuatan Terowongan Jalan pada Media Campuran Tanah - Batuan: Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Kurniawan, P., and Hadimuljono, M.B., 2021, Applied Geotechnis for Engineers: Yogyakarta, Penerbit Andi, 59–68 p.
- Luden, A.S., Indrawan, I.G.B., and Karnawati, D., 2021, Slope Stability Analyses by Circular Failure Chart and Limit Equilibrium Methods: The Inlet and Outlet of Diversion Tunnel of Bolango Ulu Dam, Indonesia, *in* E3S Web of Conferences, EDP Sciences, v. 325.

- Mafka, A., 2021, Landslide susceptibility mapping of Gdynia using geographic information system-based statistical models: *Natural Hazards*, v. 107, p. 639–674.
- Marinos, P., and Hoek, E., 2000, GSI : A Geologically Friendly Tool For Rock Mass Strength Estimation: In *ISRM International Symposium*.
- Marinos, P., Marinos, V., and Hoek, E., 2007, Geological Strength Index (GSI). A characterization tool for assessing engineering properties for rock masses, *in* *Underground Works under Special Conditions - Proceedings of the Workshop (W1) on Underground Works under Special Conditions*, Taylor and Francis - Balkema, p. 13–21.
- Price, D.G., 2009, *Engineering Geology : Principles and Practice* (Dr. M. H. de Freitas, Ed.): London, Springer, 1–450 p.
- Priest, S.D., and Hudson, J.A., 1976, Discontinuity Spacings in Rock: *Int. J. Rock Mech. Min. Sci. & Geomech. Abstr*, v. 13, p. 135–148.
- PT. Mettana Engineering Consultant, 2017, Laporan Akhir Utama, Pekerjaan: Detail Desain dan Model Test Bendungan Jatinegara.
- Pusat Studi Gempa Nasional, 2017, Peta sumber dan bahaya gempa Indonesia tahun 2017: Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Rahardjo, P.P., 2004, *Teknik Terowongan*: Universitas Parahyangan Bandung.
- Robiana, R., Cipta, A., and Omang, A., 2010, Peta Kawasan Rawan Bencana Gempabumi Provinsi Jawa Tengah: Pusat Vulkanologi dan Mitigasi Bencana Geologi.
- Santo, S.A., Haque, M.E., Fariha, A.S., Hossain, A.S.M.F., and Ansary, M.A., 2023, Landslide Risk Assessment and Preventive Measures of Selected Locations in the Rangamati District, Bangladesh: *Journal of Studies in Science and Engineering*, v. 3, p. 61–72.
- Singh, B., and Goel, R.K., 2011, *Engineering Rock Mass Classification*: Elsevier Science, 50–52 p., <http://avaxhome.ws/blogs/ChrisRedfield>.
- SNI 8460-2017, 2017, *Persyaratan Perancangan Geoteknik*: Badan Standardisasi Nasional, www.bsn.go.id.
- Sun, H., Wu, H., Ma, Z., Yuan, Z., and Feng, K., 2022, Analysis of Seismic Damage Modes of Landslides Containing Tunnels under Horizontal Earthquake Action: *Geofluids*, v. 2022.
- Wyllie, D.C., and Mah, C.W., 2004, *Rock Slope Engineering: Civil and Mining*, 4th Edition: New York, Spon Press, 1–431 p.
- Van Zuidam, 1983, *Guide to Geomorphologic – Aerial Photographic Interpretation and Mapping*: Netherland, ITC, 1–325 p.