

DAFTAR PUSTAKA

- American Society for Testing and Materials (ASTM), 2002, Standard test method for determination of the point load strength index of rock D5731-95, dalam Annual Book of ASTM Standards: West Conshohocken, PA, USA, p. 1488-1494.
- Barton, N., Lien, R., and Lunde, J., 1974, Engineering Classification of Rock Masses for the Design of Tunnel Support.: Rock Mechanics, v. 6, no. 4, p. 189-236.
- Bell, F.G., 2007, Engineering Geology, 2nd edition: Oxford, Elsevier, 582 p.
- Bieniawski Z. T., 1975, Point load test in geotechnical practice. Engineering Geology, v.1, p. 1-11
- Bieniawski, Z. T., 1976, Rock mass classification in rock engineering applications, dalam Proceeding of a Symposium on Exploration for Rock Engineering, 1976, v. 12, p. 97-106.
- Bieniawski, Z. T., 1989, Engineering Rock Mass Classification: Toronto, John Wiley & Sons, 251 p.
- Bogli, A., 1980, Karst hydrology and physical speleology.: New York, SpringerVerlag, p. 1-297.
- Boudagher, M.K., and Fadel., 2018, Evolution and Geological Significance of Larger Benthic Foraminifera: UCL Press, p. 1-571.
- Brahmantyo, B., dan Bandono, 2006, Klasifikasi Bentuk Muka Bumi (Landform) untuk Pemetaan Geomorfologi pada Skala 1:25.000 dan Aplikasinya untuk Penataan Ruang: Jurnal Geoaplika, v. 1, p. 71-78.
- de Vallejo, L. I. G, and Ferrer, M., 2011, Geological Engineering: Leiden, CRC Press/Balkema
- Deere, D. U. dan Deere, D. W., 1989, Rock Quality Deignation (RQD) After Twenty Years, in U.S. Army Corps of Engineers Contract Report GL-89-1: Washington DC, U.S. Army Waterways Experiment Station
- Embry, A.F., dan Klovan, J.E., 1971, A Late Devonian Reef Tract on Northeastern Banks Island: Bulletin of Canadian Petroleum Geology, v. 19, p. 730-781.
- Faisal, A., Oktaviani, R. ., Trides, T. ., Nugroho, W., dan Dina Devy, S, 2022, Analisis Kestabilan Batuan Pada Rencana Pembangunan Terowongan Dengan Elemen Hingga Dan (Q – System) Di Kota Samarinda: Jurnal Sosial Teknologi, v. 2, p. 739-749.
- Ford, D., and Williams, P., 2007, Karst Geomorphology and Hydrology: Chichester, john wiley & sons, Ltd, p. 1-578.

- Hanif, I.M., and Indrawan, I.G.B., 2021, The Evaluation of the Stability of Donan Cave, Pangandaran, West Java, Based on the Classification of Rock Mass: *Jurnal Pengabdian kepada Masyarakat (Indonesian Journal of Community Engagement)*, v. 7, p. 241.
- Hoek, E. and Brown, E. T., 1997, Practical estimates or rock mass strength: *International Journal of Rock Mechanics and Mining Science & Geomechanics Abstracts*, v. 34, p. 1165-1186.
- Hoek, E., 1994, Strength of rock and rock masses: *ISRM News Journal*, v. 2, p. 4-16.
- Hoek, E., Carter, T. G., and Diederichs, M. S., 2013, Quantification of the geological strength index chart, dalam 47th US rock mechanics/geomechanics symposium: American Rock Mechanics Association.
- Jennings, J. N., 1985., *Karst Geomorphology* : Basil Blackwell, Oxford, p. 1-2
- Jordá-Bordehore, L., 2017, Stability Assessment of Natural Caves Using Empirical Approaches and Rock Mass Classifications: *Rock Mechanics and Rock Engineering*, v. 50, p. 2143–2154,
- Kusumahbrata, Y., 1998, *Konservasi Geologi dan Geowisata: Alternatif Pengembangan Potensi Sumber Daya Geologi Secara Berkesinambungan: Bandung, Indonesia, Museum Geologi Bandung.*
- Kusumayudha, S.B., Prastistho, B., Zakaria, M.F., Rahatmawati, I., Setyaningrum, T., 2016, Rock Mass Rating and Feasibility Assessment of Karst Cave Geo-Ecotourism in Tanjungsari District, Gunungkidul Regency, Yogyakarta Special Region, Indonesia: *Geographia Technica*, v.16, pp 53-68
- Laksmana, E.E., 2016, *Stasiun Nol Teknik Teknik dan Survei Hidrologi Gua Edisi 2: Acintyacûnyatâ Speleological Club*
- Marinos, V., Marinos, P., & Hoek, E., 2005, The geological strength index: applications and limitations. *Bulletin of Engineering Geology and the Environment*, v. 64, p. 55-65
- Maulana, A., 2019, *Petrologi: Yogyakarta, Penerbit Ombak*
- Norwegian Geotechnical Institute, 2015, *Using the Q-system: Norwegian Geotechnical Institute*, 54 p.
- Palmstrom, A., 2005, Measurement of and correlations between block size and rock quality designation (RQD): *Tunnelling and Underground Space Technology*, v. 20, p. 362-377.

- Pringgoprawiro, H., 1983, Biostratigrafi dan Paleogeografi Cekungan Jawa Timur Utara, Suatu Pendekatan Baru [Disertasi]: Institut Teknologi Bandung.
- Pringgoprawiro, H., dan Sukido., 2011, Peta Geologi Lembar Bojonegoro, Jawa Timur: Bandung, Pusat Survei Geologi, skala 1: 100.000, 1 lembar.
- Pulunggono, A., dan Martodjojo, S., 1994, Perubahan Tektonik Paleogen-Neogen, Merupakan Peristiwa Tektonik Penting di Jawa: Proceeding Geologi dan Geoteknik Pulau Jawa, p. 37-50.
- Radar Bojonegoro, 2018, Gua Gondel Layak Jadi Wisata Geologi : <https://radarbojonegoro.jawapos.com/nasional/711303491/gua-gondel-layak-jadi-wisata-geologi-> (accessed Mei 2024)
- Reijers, T.J. and Hsu, K. S., 1986, Manual of Carbonate Sedimentology: Orlando Florida, Academic Press Inc.
- Samodra, H., 2000, Pedoman Klasifikasi dan Pengelolaan Kawasan Kars di Indonesia dengan acuan Keputusan Menteri Energi & Sumberdaya Mineral Nomor 1456 K/20/MEM/2000.
- Samodra, H., 2001, Nilai strategis kawasan kars di Indonesia, pengelolaan dan perlindungannya, Pub. Khusus No. 25, Juni 2001. Bandung: Pusat Penelitian dan Pengembangan Geologi.
- Sari, G.K., Muzani, D., dan Suhardjo, D., 2018, Pemetaan Lorong Gua Garunggang Untuk Geowisata Di Desa Karang Tengah, Kecamatan Babakan Madang, Kabupaten Bogor, Jawa Barat: Jurnal Spatial Wahana Komunikasi dan Informasi Geografi, v. 18, p. 51–61.
- Scholle, P. A. and Ulmer-Scholle, D. S., 2003, A Color Guide to the Petrography of Carbonate Rocks: Grains, Textures, Porosity, Diagenesis, dalam AAPG Memoir 77: Tulsa, The American Association of Petroleum Geologists.
- Septiadi, W., 2020, Analisis Terowongan Tambang Menggunakan Metode Q-System dan Rock Structure Rating di BMK 14 CV. Bara Mitra Kencana: , p. 1–117.
- Singh, B., and Goel, R, K., 2011, Engineering Rock Mass Classification: Tunneling, Foundations and Landslides: Oxford, Elsevier, 365 p.
- Siswanto, S., dan Anggraini, D., 2018, Perbandingan Klasifikasi Massa Batuan Kuantitatif (Q, RMR dan RMi): Jurnal Geosains dan Teknologi, v. 1, p. 67.
- Soetoto, S. U., 2017, Geomorfologi: Yogyakarta, Penerbit Ombak.
- Sonmez, H. and Ulusay, R., 1999, Modification to the geological strength index (GSI) and their applicability to stability of slopes : International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts, v. 35, p. 743-760.

- Suhala, Supriatna dan Arifin, M., 1997, Bahan Galian Industri, Pusat Penelitian dan Pengembangan Teknologi Mineral, Bandung.
- van Bemmelen, R.W., 1949, The Geology of Indonesia. General Geology of Indonesia and Adjacent Archipelagoes: Government Printing Office, The Hague, 732 p.
- van Zuidam, R.A., 1985, Aerial Photo-Interpretation in Terrain Analysis and Geomorphologic Mapping: ITC, Smith Publ Enschede The Hague. 442 p.
- Waltham, A. C., & Fookes, P. G. (2003). Engineering classification of karst ground conditions. Quarterly Journal of Engineering Geology and Hydrogeology, v. 2, p. 101–118.
- Wijaya, R. A. E., 2016, Pengembangan Metode Klasifikasi Massa Batuan untuk Desain Tambang Batugamping Berrongga [disertasi doctoral, tidak dipublikasikan]: Yogyakarta, Universitas Gadjah Mada
- Wijaya, R.A.E., Karnawati, D., Wilopo, W., dan Isnawan, D., 2018, Estimasi Geological Strength Index (Gsi) System Pada Lapisan Batugamping Berongga Di Tambang Kuari Blok Sawir Tuban Jawa Timur: Jurnal.UBB, v. I.