

DAFTAR PUSTAKA

- Abramson, L. W., Lee, T. S., Sharma, S. & Boyce, G. M., (2002). Slope Stability and Stabilization Methods. s.l.: John Wiley & Sons Inc.
- ASTM. (1995). D-5731-95, Standard Test Method for Determination of Point Load Strength Index of Rock, Pennsylvania: West Conshohocken.
- ASTM. (2000). D 2487-06, Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), Pennsylvania :West Conshohocken.
- ASTM. (1998). D 422-63, Standard Test Method for Particel Size Analysis of Soils, Pennsylvania: West Conshohocken.
- Badan Standardisasi Nasional. (2016). SNI 8291:2016 : Penyusunan Peta Zona Kerentanan Gerakan Tanah. Badan Standardisasi Nasional.
- Badan Standarisasi Nasional. (1992). SNI 03-2849-1992 : Tata cara pemetaan geologi teknik lapangan (p. 29).
- Bell, F. G. (2007). Engineering Geology, Second Edition. New York: Elsevier Ltd.
- Bieniawski, Z.T., and Maschek R.K., (1975). Monitoring the Behavior of Rock Tunnels during Construction. Civil Eng. S.
- Bieniawski, Z. T. (1989). Engineering Rock Mass Classifications : A Complete Manual for Engineers and Geologists in Mining, Civil, and Petroleum Engineering. John Wiley & Sons, Inc.
- Brahmantyo, B. & Bandoni, (2006). Klasifikasi Bentuk Muka Bumi untuk Pemetaan Geomorfologi pada Skala 1:25000. Bandung: FITB ITB.
- Crozier, M.J and Glade T., (2004). Landslide Hazard and Risk : Issues, Concepts and Approach in Landslides Hazard and Risk Edited by Thomas Glade, Malcolm Anderson and Michael J. Crozier, John Wiley and Sons, pp. 1-35.
- Das, B. M., (2007). Fundamentals of Geotechnical Engineering, Third Edition: Cengage Learning.
- Das, B. M., (2013). Principal of Geotechnical Engineering, Seventh Edition: Sacramento, California State University Press.
- Das, B. M., and Sivakugan, N. (2016). *Introduction To Geotechnical Engineering Second Edition*.
- Dearman, W. R. (1991). Engineering Geological Mapping. In *Bulletin of the International Association of Engineering Geology - Bulletin de l'Association Internationale de Géologie de l'Ingénieur* (Vol. 8, Issue 1). <https://doi.org/10.1007/BF02634605>
- Djaeni, A. (1982) Peta Hidrogeologi Indonesia Lembar Pacitan Skala 1: 250.000. Direktorat Geologi Tata Lingkungan.
- Gonzalez de Vallejo dan Ferrer, M., (2011). Geological Engineering, Netherlands CRC Press Balkema
- Gopi, S. (2009). Basic Civil Engineering. Pearson Education India.
- Hardiyatmo, H C., 2002, Mekanika Tanah 1: Yogyakarta, Gadjah Mada University Press.
- Hoek, E., and Brown, E.T., (1997). Practical Estimates of Rock Mass Strength, International Journal Rock Mechanics Mineral Science Vol 34: 1165–1186
- Hoek, E., and Brown, E. T. (2019). The Hoek–Brown failure criterion and GSI –

- 2018 edition. *Journal of Rock Mechanics and Geotechnical Engineering*, 11(3), 445–463. <https://doi.org/10.1016/j.jrmge.2018.08.001>
- Holtz R. D., Kovacs W. D. dan Sheahan T. C. (2011). *An Introduction to Geotechnical Engineering Second Edition*. Prentice Hall: New Jersey. ISBN 978-0-13-031721-6
- ISRM (International Society for Rock Mechanics). (1978). Vol. 15 : Standardization of Laboratory and Field Test. *Int. J. Rock Mech. Min. Sci. & Geotech.*, hal: 319 –368.
- Karnawati, D. (2005). Bencana Alam Gerakan Massa Tanah Di Indonesia Dan Upaya Penanggulangannya. Jurusan Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Karnawati, D. (2007). The Mechanism of Rock Mass Movements As the Impact of Earthquake ; *Dinamika Teknik Sipil*, 7(1979), 179–190.
- Madora, Y., Asaf, M., dan Mukiat. (2016). Geser Dengan Metode Direct Shear Test Di Pit Muara Tiga Besar Utara Pt . Bukit Asam (Persero) Tbk Slope Stability Analysis Based on Results of Shear Strength Test With Direct Shear Test Method in Pit Muara Tiga Besar Utara Pt . Bukit Asam (Persero) Tbk. 0–9.
- Mandal, S., and Mondal, S. (2018). Statistical Approaches For Landslide Susceptibility Assessment And Prediction. In *Statistical Approaches for Landslide Susceptibility Assessment and Prediction*. <https://doi.org/10.1007/978-3-319-93897-4>
- Marinos. P., Hoek. E., (2000). GSI : A Geologically Friendly Tool For Rock Mass Strength Estimation, *Proc.GeoEng2000*, Melbourne: Conderence, p 1422-1442.
- Nugroho, N. D (2020). Musim Hujan, Jalur Utama Pacitan - Ponorogo Rawan Longsor. *IDN Times Jatim*. Diakses dari <https://jatim.idntimes.com/news/jatim/nofika-dian-nugroho/musim-hujan-jalur-utama-pacitan-ponorogo-rawan-longsor/3> pada 31 Oktober 2020, dari <https://news.detik.com/berita-jawa-timur/d-4865850/jalur-pacitan-ponorogo-sempat-tertutup-longsor>
- Pramumijoyo, S. dan Karnawati, D. (2006). Penanganan Bencana Gerakan Tanah di Indonesia. Jurusan Teknik Geologi FT UGM. D.I. Yogyakarta.
- Pratiwi, R. B. (2019). Evaluasi Pengaruh Batuan Teralterasi Terhadap Kerentanan Longsor di Jalan Jalur Ponorogo – Trenggalek Km. 16+200 – Km. 23, Provinsi Jawa Timur. Program Studi Sarjana Teknik Geologi Departemen Teknik Geologi Fakultas Teknik Universitas Gadjah Mada Yogyakarta, 138.
- Price, D. G., (2009). *Engineering Geology Principal and Practice*: New York, Springer Heidelberg.
- Purwanto, Heru S. (1997). Analisis dan Genesa Pembentukan Struktur Geologi pada Batuan berumur Oligosen-Miosen di daerah Pacitan dan sekitarnya, Kabupaten Pacitan, Jawa Timur. Institut Teknologi Bandung.
- Pusat Vulkanologi dan Mitigasi Bencana Geologi (PVMBG). (2018). Peta Kerentanan Gerakan Tanah, Kabupaten Pacitan, Provinsi Jawa Timur. Kementerian Energi dan Sumber Daya Mineral.
- Rivaldy, V. R. (2020). Karakteristik Geologi Teknik Konstruksi Jalan Ruas Pantai Serang – Batas Kabupaten Malang Km 12+600 Hingga Km 24+700,

- Kabupaten Blitar, Jawa Timur. Program Studi Sarjana Teknik Geologi Departemen Teknik Geologi Fakultas Teknik Universitas Gadjah Mada Yogyakarta.
- Samodra, H. Gafoer, S. dan Tjokrosapoetro. (1992). Peta Geologi Lembar Pacitan Skala 1:100.000. Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Singh, B., and Goel, R. . (2011). Engineering Rock Mass Classification : Tunneling, Foundations, and Landslides. Elsevier Science.
- Siswanto, S., dan Anggraini, D. (2018). Perbandingan Klasifikasi Massa Batuan Kuantitatif (Q, RMR dan R_{Mi}). Jurnal Geosains Dan Teknologi, 1(2), 67. <https://doi.org/10.14710/jgt.1.2.2018.67-73>
- Umar, E. P., Jamaluddin, J., Mustafa, M., Marnas, M. A., Manyoe, I. N., Nurfalaq, A., dan Taslim, I. (2019). Kajian Mitigasi Bencana Tanah Longsor Ruas Jalan Meluhu-Lasolo, Sulawesi Tenggara. Jurnal Gecelebes, 3(2), 51. <https://doi.org/10.20956/gecelebes.v3i2.6946>
- Van Bemmelen, R.W. (1949). The Geology of Indonesia. Vol.1A, Amsterdam : The Hague.
- Van Zuidam, R.A. (1983). Guide to Geomorphologic- Ariel Photographic Interpolation and Mapping, Netherland: ITC.
- Varnes, D. J. (1978). Slope movement types and processes. In: Schuster, R. L, & Krizek, R. J. (Eds.), Landslides, analysis and control, special report 176: Transportation research board, National Academy of Sciences, (pp. 11–33). Washington, DC.
- Wahyudianto, E. (2020). Inventarisasi Bahaya Longsor Jalan Pada Fase Pasca Bencana (Studi Kasus Siklon Cempaka) Pada Jalan Provinsi di Kabupaten Pacitan. Konferensi Nasional Teknik Jalan Ke 10 KNTJ-10, June.