

DAFTAR PUSTAKA

- Affandi, D. 2014. Kriteria Material Konstruksi Untuk Bendungan Urukan (Studi Kasus Bendungan Sindangheula). *Jurnal Teknik Hidraulik*, 5(2), 165-180.
- Alavi, A. H., & Sadrossadat, E. 2016. New Design Equations for Estimation of Ultimate Bearing Capacity of Shallow Foundations Resting on Rock Masses. *Geoscience Frontiers*, 7(1), 91-99.
- Alemdag, S., Gurocak, Z., Solanki, P., & Zaman, M. 2008. Estimation of Bearing Capacity of Basalts at The Atasu Dam Site, Turkey. *Bulletin of Engineering Geology and the Environment*, 67(1), 79-85.
- ASTM 2487-90. 1999. *Standard Test Methods for Well Graded Gravel*. West Conshohocken: ASTM International.
- Asy'ari, M.A., Hidayatullah, R., Kahar, S. B., & Kristiyono, M. 2021. Pengaruh Grouting Terhadap Nilai *Lugeon* pada Batuan Dasar Pondasi Bendungan Tapin. *Jurnal Gradasi Teknik Sipil*, 5(2), 103-116.
- Badan Standardisasi Nasional. 2008. *SNI 4153:2008. Cara uji penetrasi lapangan dengan SPT*. Jakarta: Badan Standardisasi Nasional.
- BBWS Pemali Juana. 2020. *Profil Balai Besar Wilayah Sungai Pemali Juana*. Semarang: BBWS Pemali Juana.
- Bemmelen, R. W. Van. 1949. *The Geology of Indonesia Vol. 1 A*. Government Printing Office, The Hague, Amsterdam.
- Bowles, J. E. 1984. *Physical and Geotechnical Properties of Soil*. United States of America: McGraw-Hill Inc.
- Bowles, J.E. 1996. *Foundation Analysis and Design, fifth ed.* New York: McGraw-Hill Inc.
- Central Research Institute of Electric Power Industry. 2004. *Safety Culture Assessment Guidelines*. Japan Nuclear Technology Institute.

- Coates, D. F. 1981. Rock Mechanics principles. Monograph 874. *Energy, Mines, and Resources, Canada.*
- Das, B. M. 2011. *Principles of Foundation Engineering*. Connecticut: Cengage Learning.
- De Genevraye, P., dan Samuel, L. 1972. Geology of the Kendeng Zone (Central & East Java), *Proceedings Indonesian Petroleum Association, 2nd Annual Convention*, 17-30.
- Departemen Pekerjaan Umum. 2005. *Pedoman Penyelidikan Geoteknik Untuk Fondasi Bangunan Air*. Jakarta: Departemen Pekerjaan Umum.
- Dickinson, W. R., Snyder, W. S., & Matthews, V. (1978). *Plate tectonics of the Laramide orogeny* (Vol. 3, pp. 355-366). Matthews.
- Gaib, D. T. 2016. Perencanaan Peningkatan Kapasitas Produksi Air Bersih Ibukota Kecamatan Nuangan. *Jurnal Sipil Statik Vol.4 No.8 Agustus 2016 (481-490)*, 481-491.
- Garg, S. K. 2009. *Irrigation Engineering and Hydraulic Structure*. Delhi: Khanna Publishers.
- Hardian, R. A., Pudyono., Soenaryo, A. 2010. *Studi Alternatif Perencanaan Bangunan Pengelak (Diversion) Berbentuk Tapal Kuda pada Bangunan Titab di Kabupaten Buleleng Bali*. Malang: Universitas Brawijaya.
- Harding, T. P. 1974. Petroleum traps associated with wrench faults. *AAPG bulletin*, 58(7), 1290-1304.
- Howard, A. D. 1967. Drainage analysis in geologic interpretation: a summation. *AAPG bulletin*, 51(11), 2246-2259.
- Kementrian Pekerjaan Umum Ditjen SDA. Direktorat Sungai, Danau dan Waduk. 2005. *Pedoman Grouting Untuk Bendungan*. Kementrian Pekerjaan Umum Ditjen SDA.

Kementerian PUPR. 2016. *Data Bendungan Jragung: Peta Citra Landsat Bendungan Jragung*. Kementerian PUPR.

Kumbhojkar, A. S. 1993. Numerical evaluation of Terzaghi's N γ . *Journal of Geotechnical Engineering*, 119(3), 598-607.

Merifield, R. S., Lyamin, A. V., & Sloan, S. W. 2006. Limit Analysis Solutions for The Bearing Capacity of Rock Masses Using the Generalised Hoek–Brown Criterion. *International Journal of Rock Mechanics and Mining Sciences*, 43(6), 920-937.

Pangesti, D.R. 2005. *Pedoman Grouting untuk Bendungan*. Jakarta: Departemen Pekerjaan Umum, Direktorat Jenderal Sumber Daya Air, Direktorat Sungai dan Waduk.

Pannekoek, A. J. 1949. Outline of the Geomorphology of Java. Reprint from *Tijdschrift van Het Koninklijk Nederlandsch Aardrijkskundig Genootschap*, vol. LXVI part 3, E.J. Brill, Leiden, pp. 270-325.

Peraturan Menteri Pekerjaan Umum dan Perumahan. 2015. *Rakyat Republik Indonesia*. Nomor 27/PRT/M/2015 Tentang Bendungan.

Pringgoprawiro, H. 1983. Biostratigrafi dan Paleogeografi Cekungan Jawa Timur Utara, Suatu Pendekatan Baru. *Desertasi Doktor*, Institut Teknologi Bandung.

Rachman, S. 2019. Analysis Rock Mass Rating (RMR) Elevation Inlet Diversion Tunel Luewikeris. In *Journal of Physics: Conference Series* (Vol. 1363, No. 1, p. 012044). IOP Publishing.

Rai, M. A., Kramadibrata, S., & Wattimena, R. K. 2014. *Mekanika Batuan*. Bandung: Penerbit ITB.

Satyana, A. H., & Purwaningsih, M. E. 2002. Lekukan Struktur Jawa Tengah: Suatu Segmentasi Sesar Mendatar. *Prosiding Akatan Ahli Geologi Indonesia (IAGI)*, Yogyakarta, 1-14.

- Satyana, A. H. 2005. Structural Indentation of Central Java: A Regional Wrench Segmentation. In *Proceedings Joint Convention 30th HAGI, 34th IAGI, 14th PERHAPI, Surabaya. Surabaya* (Vol. 193, p. 204).
- Satyana, A. H. 2006. New Insight on Tectonics of Central Java, Indonesia, and Its Petroleum Implications. In *American Association of Petroleum Geologists (AAPG) International Conference and Exhibition* (p. 90061).
- Sosrodarsono, S., & Takeda, K. 1977. *Bendungan Type Urukan*.
- Sukardi., T. Budhitrisna. 1992. *Peta Geologi Regional Lembar Salatiga, Jawa Tengah*. Bandung: Pusat Penelitian dan Pengembangan Geologi.
- Talobre, J. A. 1967. Rock mechanics and its application. *Dunod, Paris, 442p (in French)*.
- Terzaghi. 1946. Rock Defects and Loads on Tunnel Supports. In: Proctor, R.V., White, T.L. (Eds.). *Rock Tunneling with Steel Supports*. Commercial Shearing and Stamping Company, Youngstown, OH, pp. 17e99.
- Terzaghi, K. 1967. Settlement of point bearing pile foundation; Settlement of floating pile foundation.
- SNI. 2008. *Cara Uji Penetrasi Lapangan dengan SPT*. Badan Standardisasi Nasional.
- Van Zuidam, R.A. 1985. *Aerial Photo-Interpretation Terrain Analysis and Geomorphology Mapping*. Smith Publisher The Hague, ITC.
- Verstappen, H. T., Van Zuidam, R. A., van de Weg, R. F., Meijerink, A. M. J., Nossin, J. J., & Karmon, M. 1975. *ITC System of Geomorphological Survey: Use of Aerial Photographs in Geomorphology*. ITC.
- Wesley, L. D. 2010. *Mekanika Tanah, untuk Tanah Endapan dan Residu*. Yogyakarta: ANDI Yogyakarta.