



DAFTAR PUSTAKA

- 6 Penambang tertimbun tebing tambang runtuh, 3 tewas, tiga lainnya belum ditemukan. Diunduh dari situs internet: [https://m.jpnn.com/news/6-penambang-tertimbun-tebing-tambang-runtuh-3-tewas-tiga-lainnya-belum-ditemukan-pada tanggal 26 Juni 2024, pukul 14.35 WIB](https://m.jpnn.com/news/6-penambang-tertimbun-tebing-tambang-runtuh-3-tewas-tiga-lainnya-belum-ditemukan-pada-tanggal-26-Juni-2024-pukul-14.35-WIB).
- 27 Kecamatan di Garut Berpotensi Longsor. Diunduh dari situs internet: [https://bandung.bisnis.com/read/20240311/549/1748303/27-kecamatan-di-garut-berpotensi-longsor. pada tanggal 26 Juni 2024, pukul 14:17 WIB](https://bandung.bisnis.com/read/20240311/549/1748303/27-kecamatan-di-garut-berpotensi-longsor-pada-tanggal-26-Juni-2024-pukul-14:17-WIB).
- Adam, I. M., dan Hadi, Z. T. (2023): Analisis kinematik bidang diskontinuitas batuan vulkanik di Desa Seloharjo dan sekitarnya Kecamatan Pundong Kabupaten Bantul Daerah Istimewa Yogyakarta. *Jurnal Geosains dan Teknologi*, 6(2), 126.
- Anwar, H.Z., dan Kesumadharma, S., (1991): Konstruksi jalan di daerah pegunungan tropis, *Makalah Ikatan Ahli Geologi Indonesia PIT ke-20*, 476 dalam Hirnawan, R. F., (1994): Peran faktor-faktor penentu zona berpotensi longsor di dalam mandala geologi dan lingkungan fisiknya Jawa Barat, *Majalah Ilmiah Universitas Padjadjaran*, No. 2, (12), 37.
- ASTM International, (2000): *ASTM D2487: Standard Test Method for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*, United State, ASTM International.
- ASTM International, (2002): *ASTM D 854-02: Standard test methods for specific gravity of soil solids by water pycnometer*, West Conshohocken, PA: ASTM International.
- ASTM International, (2016): *ASTM D4648-16: Standard test method for laboratory miniature vane shear test for saturated fine-grained clayey soil*, West Conshohocken, PA: ASTM International.
- Badan Standardisasi Nasional, (2019): SNI 1965:2019, *Metode uji penentuan kadar air untuk tanah dan batuan di laboratorium*.
- Bowles, J., E., (1996): *Foundation analysis and design*. 5th Edition, McGraw-Hill Companies, Inc., Singapore. 9.
- British Standards Institution, (1990): *BS 1377-2:1990 - British standard methods of test for soils for civil engineering purposes*, London, UK: British Standards Institution.
- Craig, R., F., (1997): *Soil mechanics*, Chapman & Hall, London. 10.
- Cruden, D., M., dan Vernes, D., J., (1996): *Landslide types and processes, landslides, investigation and mitigation special report 247 transportation research board*, ISBN: 978-0309062084, Washington D.C. 18-21.
- Das, B.,M., (1995): *Mekanika tanah prinsip-prinsip rekayasa geoteknis jilid 2*, Erlangga. Jakarta. 48.
- Das, B. M. (1997): *Principles of Geotechnical Engineering* (4th ed.). PWS Publisher. 15-47.
- Data Informasi Bencana Indonesia. Diunduh dan diolah kembari dari situs internet: <https://dibi.bnpb.go.id/home/index2> pada tanggal 6 Juli 2024, pukul 20.37 WIB.



- Departemen Energi dan Sumber Daya Mineral (ESDM), (2005): *Pengenalan Gerakan Tanah*. Diunduh dari situs internet: https://www.esdm.go.id/assets/_media_/content_/Pengenalan_Gerakan_Tanah.pdf tanggal 15 Juni 2024, pukul 22.07 WIB.
- Five elements laboratory. Diunduh dari situs internet: <https://five-elements.com.au/laboratory.php> pada tanggal 9 Juli 2024, pukul 15.13 WIB.
- Gofar, N., dan Setiawan, B., (2006): *Pengaruh kandungan air terhadap potensi keruntuhan lereng tanah*, 12.
- Grim, R. E. (1942): *Kaolin and Kaolinitic Clays of Georgia: Their Properties and Uses*, *Economic Geology* (6), 37
- Guzzetti, F., Galli, M., Reichenbach, P., Ardizzone, F. dan Cardinali, M. (2006): *Landslide hazard assessment in the Collazzone area, Umbria, Central Italy. Natural Hazards and Earth System Science*, 6 (1), 122.
- Hansbo, S., (1957): A new approach to the determination of the shear strength of clay by the fall-cone test. *Proceedings of the Royal Swedish Geotechnical Institute*, (14), 35.
- Head, K., H., dan Epps, R., J., (2011): *Manual of soil laboratory testing, volume 1: soil classification and compaction tests*, ISBN: 978-184995-015-2, Whittles Publishing, London. 14.
- Hidrometer. Diunduh dari situs internet: <https://banyubumisangkara.com/hidrometer/> pada tanggal 9 Juli 2024, pukul 15.23 WIB.
- Highland, L.M., dan Bobrowsky, P., (2008): *The landslide handbook—A guide to understanding landslides*, ISBN: 9781411322264, U.S. Geological Survey Circular 1325, Reston, Virginia, 5-25.
- Hungr, O., Evans, S.G., Bovis, M.J., dan Hutchinson, J.N., (2001): A review of the classification of landslides of the flow type. *Environmental & Engineering Geoscience*, ISSN 1078-7275, (8), No. 3, 235.
- Karnawati, D. (2001): *Pengenalan daerah rentan gerakan tanah dan upaya mitigasinya. Makalah Seminar Nasional Mitigasi Bencana Alam Tanah Longsor*, 11 April 2002, Semarang, Indonesia. Semarang: Pusat Studi Kebumihan, Lembaga Penelitian Universitas Diponegoro, 1-3.
- Koumoto, T., dan Houlsby, G., T., (2001): Theory and practice of the Fall Cone Penetrometer test, *Geotechnique*, ISSN: 0016-8505, 51(8), 709.
- Lahan pertanian di kaki gunung merbabu rawan longsor. Diunduh dari situs internet: <https://foto.bisnis.com/view/20201130/1324312/lahan-pertanian-di-kaki-Gunung-Merbabu-rawan-longsor> pada tanggal 26 Juni 2024, pukul 14.41 WIB.
- Landslides vs. *Mudflows*. Diunduh dari situs internet: <https://slideplayer.com/slide/13619424/> pada tanggal 9 Juli 2024, pukul 13.04 WIB.
- Lateral continuity dan lateral accretion. Diunduh dari situs internet: <https://rianer.wordpress.com/2014/10/07/lateral-continuity-dan-lateral-accretion/> pada tanggal 10 Februari 2025, pukul 28.34 WIB.



- Laporan Penyelidikan Tanggap Darurat Gerakan Tanah Kec. Cipongkor, Kabupaten Bandung Barat, Provinsi Jawa Barat. Diunduh dari situs internet: <https://vsi.esdm.go.id/tanggapan-kejadian/laporan-penyelidikan-tanggap-darurat-gerakan-tanah-kec-cipongkor-kabupaten-bandung-barat-provinsi-jawa-barat> pada tanggal 15 Juli 2024, pukul 20.51 WIB.
- Lee, S., H., H., dan Widjaja, B., (2011): Deriving viscosity by interpreting the displacement profile for describing *mudflow* behavior, *Annual Meeting and Symposium, Soil and Water Conservation Society, Taipei, Taiwan, Taipei*, 1–7.
- Lee, S., H., H., dan Widjaja, B., (2013): Determination of soil viscosity for educidating *mudflow* behavior, *Proceeding of the 4th International Conference of EACEF (European Asian Civil Engineering Forum)*, ISBN: 978-979-99765-3-6, Singapore, 182.
- Lee, S., H., H., dan Widjaja, B., (2013): Phase concept for *mudflow* based on the influence of viscosity. *Soils and Foundations*, ISSN: 2524-1788, 53(1), 77.
- Longsor Terjang Puncak Bogor, 1 Orang. Diunduh dari situs internet: <https://www.liputan6.com/news/read/3950587/longsor-terjang-puncak-bogor-1-orang-luka> pada tanggal 26 Juni 2024, pukul 14.14 WIB.
- Mass Movements: Causes & Types. Diunduh dari situs internet: <https://thegeoroom.co.zw/geomorphology/slopes/mass-movements-causes-types/> pada tanggal 9 Juli 2024, pukul 12:50 WIB.
- Mitchell, J.K. (1993): *Fundamentals of soil behavior*. John Wiley & Sons, Inc., 2nd Edition, New York, Chichester, Brisbane, Toronto, Singapore, 438.
- Mitchell, J., K., dan Soga, K., (2005): *Fundamentals of soil behavior* (3rd ed.), ISBN: 978-0-471-46302-3, John Wiley & Sons, Inc. 42,93.
- Montgomery, C., A., (1994): Corporate Diversification. *Journal of Economic Perspectiv*, ISSN: ISSN 1944-7965, 8(3), 169.
- Penebangan hutan untuk lahan perkebunan. Diunduh dari situs internet: <https://www.antarafoto.com/id/view/1413414/penebangan-hutan-untuk-lahan-perkebunan> pada tanggal 26 Juni 2024, pukul 14.29 WIB.
- Peneliti BRIN duga longsor di tol bocimi akibat drainase tak efektif. Diunduh dari situs internet: <https://news.detik.com/berita/d-7278336/peneliti-brin-duga-longsor-di-tol-Bocimi-akibat-drainase-tak-efektif>. pada tanggal 26 Juni 2024, pukul 14.44 WIB.
- Physical properties of rock masses. Diunduh dari situs internet: <https://tkraghu.tripod.com/Page10.html> pada tanggal 26 Juni 2024, pukul 14.11 WIB.
- Pierson, T., (1980): Piezometric response to rainstorms in forested hillslope drainage depressions. *Journal of Hydrology*, New Zealand, 3.
- Posthumus, H., Reed, M.S, Graves, A., Dandy, N., Hubacek, K., Morris, J., Prell, C.,Quinn, C.H., dan Stringer, L.C (2009): Who's in and why? A typology of stakeholder analysis methods for natural resource management. *Journal of Environmental Management*, ISSN: 1095-8630, 90(5), 1934.
- Satuan Reaksi Cepat (SRC) BIG Petakan Longsor Gunung Kidul dengan Teknologi UAV. Diunduh dari situs internet: <https://pgsp.big.go.id/satuan-reaksi>



- cepat-src-big-petakan-longsor-GunungKidul-dengan-teknologi-uav/ pada tanggal 26 Juni 2024, pukul 14.21 WIB.
- Siaran pers kajian awal kejadian longsor Cipongkor Bandung Barat 26 Maret 2024, Diunduh dari situs internet: <https://geologi.esdm.go.id/media-center/siaran-pers-kajian-awal-kejadian-longsor-Cipongkor-Bandung-Barat-26-Maret-2024> pada tanggal 2 Juni 2024, pukul 11.20 WIB.
- Side, R., C., dan Ochiai, H., (2006): *Landslides: processes, prediction, and land use*. ISBN: 978-0-87590-322-4, Washington, D.C.: AGU. 13.
- Sivakumar, V., Glynn, D., Cairns, P., dan Black, J. A., (2004): A comparative study of Kaolin and Bentonite as model materials for the testing of a wide range of soils. *Geotechnical Testing Journal*, 27(3), 242.
- Skempton, A., W., dan Hutchinson, J., N., (1969): Stability of natural slopes and embankment foundations. *State-of-the-Art Report. 7th Int. Conf. Soil Mech. Found. Eng.*, Mexico, 229.
- Smith, S., Burgess, M., Chartrand, J., dan Lawrence, D., (2014): Digital borehole geotechnical database for the Mackenzie Valley/Delta region. *Proceedings of the 67th Canadian Geotechnical Conference*, 13.
- Supriyono, P., (2014): *Seri pendidikan pengurangan risiko bencana tanah longsor*, ISBN: 978-979-29-2327-8, ANDI, Yogyakarta, 11-12.
- Tanah liat kaolin foto stok. Diunduh dari situs internet: <https://depositphotos.com/id/photos/tanah-liat-kaolin.html>. pada tanggal 4 September 2024, pukul 21.42 WIB.
- Tanah Longsor. Diunduh dari situs internet: <https://maskusno.wordpress.com/2014/12/15/tanah-longsor/> pada tanggal 26 Juni 2024, pukul 14.26 WIB.
- Terzaghi, K., Peck, R., B., dan Mesri, G., (1950): *Soil mechanics in engineering practice third edition.*, ISBN: 978-0-471-08658-1, John Wiley and Sons, Inc. New York. 34-39.
- Vallejo, L.E. (2019): The measurement of the undrained shear strength of muds using a cylinder. In N.P. López-Acosta, et al. (Eds.), *Geotechnical Engineering in the XXI Century: Lessons learned and future challenges: Proceedings of the XVI Pan-American Conference on Soil Mechanics and Geotechnical Engineering (XVI PCSMG)* (p. 409). IOS Press. 414-415.
- Vallejo, L., E., dan Scovazzo, V., A., (2003): Determination of the shear strength parameters associated with mudflows. *Soils and Foundations*, 43 (2), 129–133.
- Varnes, D., J., (1978): *Slope movement types and processes dalam* Christady, H., H., (2012): *Tanah Longsor dan Erosi*. ISBN: 9794208000, Gajah Mada University Press. Yogyakarta. 59.
- Varnes, D., J., (1978): *Slope movement types and processes dalam* Hansen, A., (1984): *Landslide hazard analysis. Brunsen, D. and Prior, D.B., Eds., Slope Instability*, John Wiley and Sons, New York, 523-602. 4-9.
- Varnes, D., J., (1978): *Slope movement types and processes*, in Schuster, R. L., and Krizek, R. J. (editors), *Landslide analysis and control: Transportation Research Board, National Academy of Sciences, National Research Council*, ISSN: 2373-6704, Washington D.C, 14-20.



- Widjaja, B., dan Florentini, F., (2020): Determining flow limit using Fall Cone Penetrometer penetration test, *24th Annual National Conference on Geotechnical Engineering*, Jakarta, Indonesia. 63.
- Widjaja, B., Pratama, I., T., dan Limowa, B., (2023): Laboratory Tests on the Determination of the undrained shear strength of kaolin and bentonite mud. *9th International E-Conference on Engineering, Technology and Management ICETM 2023*. 48-52.
- Widjaja, B., Pratama, I., T., dan Limowa, B., (2024): Laboratory study on Vallejo and Scovazzo's methods in estimating the rheology parameters of bentonite and kaolinite muds. *Civil Engineering Dimension*, ISSN: 1410-9530, 26 (1), 56.
- Wikipedia Indonesia Berkas:Piknometer.jpg. Diunduh dari situs internet: <https://id.wikipedia.org/wiki/Berkas:Piknometer.jpg>. pada tanggal 9 Juli 2024, pukul 15.05 WIB.

