

DAFTAR PUSTAKA

- Abuhajar, O., El Naggat, M. H., & Newson, T. (2010). Review of Available Methods for Evaluation of Soil Sensitivity for Seismic Design. *5th International Conference Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics and Symposium in Honor of Professor I.M. Idriss*.
- Al Zubaydi, A. H. T. (2011). Effect of Wetting and Drying Cycles on Swell/Collapse Behavior and Cracks of Fine – Grained Soils. *Tikrit Journal of Engineering*, Vol. 18:4, 71-79.
- Ali, N.A. (2015). Performance of Partially Replaced Collapsible Soil – Field Study. *Alexandria Engineering Journal*, Vol. 54, 527-532.
- Arsyad, S. (2010). *Konservasi Tanah dan Air*. Bogor: IPB Press.
- Assia, B., Nabil, A-B., & Said, T. (2013). Potential Collapse for a Clay Soil. *International Journal of Emerging Technology and Advanced Engineering*, Vol. 3 (10), 43-47.
- ASTM D5333-03, Standard Test Method for Measurement of Collapse Potential of Soils (Withdrawn 2012), ASTM International, West Conshohocken, PA, 2003, Diakses pada tanggal 17 Juli 2017 di www.astm.org oleh Dita Wulandari.
- Benchouk, A., Abou-Bekr, N., & Taibi, S. (2013). Potential Collapse for a Clay Soil. *International Journal of Emerging Technology and Advanced Engineering*, Vol.3(10), 43–47.
- BNPB. (2017). Dipetik Rabu, 19 Juli 2017 dari www.dibi.bnpb.go.id oleh Dita Wulandari.
- Boudaghpour, S. (2016). The Study Based on Collapsible Soils and Their Collapse Potentials in Semnan Desert Area in Iran. *International Journal of Scientific & Engineering Research*, Vol. 7 (12), 546-555.
- Budianto, Y. (2016). Keterdapatn Sensitive Clay pada Lokasi Longsorlahan di DAS Bompon, Kabupaten Magelang, Jawa Tengah. *Skripsi*. Yogyakarta: Fakultas Geografi UGM.
- Cooper, R. G. (2007). *Mass Movement in Great Britain No. 33: Geological Conservation Review*. Peretborough: Joint Nature Conservation Committee.

- Foth, H. D. (1990). *Fundamentals of Soil Science (8 ed.)*. New York: John Wiley & Sons.Inc.
- Guwahati, Iit. (2009). *Normally Consolidated and Over-Consolidated Clays*. Diakses pata tanggal 08 Oktober 2018 jam 15.30 WIB, dari <https://nptel.ac.in/courses/105103097/39> oleh Dita Wulandari.
- Hardiyatmo, H. C. (2012a). *Mekanika Tanah I ed. 6*. Yogyakarta: Gadjah Mada University Press.
- (2012b). *Mekanika Tanah II ed. 5*. Yogyakarta: Gadjah Mada University Press.
- (2012c). *Tanah Longsor dan Erosi: Kejadian dan Penanganan*. Yogyakarta: Gadjah Mada University Press.
- He, P., Ohtsuba, M., Abe, H., Higashi, T., & Kanayama, M. (2014). Quick Clay Development and Cation Composition of Pore Water in Marine Sediments from the Ariake Bay Area, Japan. *International Journal of Geosciences*, Vol. 5, 595-606.
- Highland, L.M., dan Bobrowsky, P. (2008). *The Landslides Handbook – A guide to understanding landslides*. Reston, Virginia: U.S. Geological Survey Circular 1325.
- Houston, S. L., Housten, W. N., Zapata, C. E., & Lawrence, C. (2001). Geotechnical Engineering Practice for Collapsible Soil. In *CEUR Workshop Proceedings*. Vol. 1621, hal. 36–43. Netherland: Kluwer Academic Publishers.
- Hugett, R. J. (2007). *Fundamentals of Geomorphology (Second Edition)*. USA: Routledge.
- Hunt, Roy E. (2007). Characteristic of Geologic Materials and Formations A Field Guide Bulletin of Scientific Contribution. *Journal for Geotechnical Engineer*, Vol. 14 (3), 269 – 276. Taylor & Francis Group: New York
- IUSS. (2006). *The Future of Soil Science*. (A. E. Hartemink, Ed.). Den Haag, Netherland: International Union of Soil Sciences.
- Karnawati, D. (2005). *Bencana Alam Gerakan Massa Tanah di Indonesia dan Upaya Penanggulangannya*. Jurusan Teknik Geologi Fakultas Teknik UGM: Yogyakarta.

- L'Heureux, J.-S., Locat, A., Leroueil, S., Demers, D., & Locat, J. (Ed.). (2014). *Landslides in Sensitive Clays*. Vol. 36. <https://doi.org/10.1007/978-94-007-7079-9>
- Lal, R., & Shukla, M. K. (2004). *Principles of Soil Physics*. New York: Marcel Dekker, Inc.
- Li, P., Vanapalli, S., & Li, T. (2015). Review of Collapse Triggering Mechanism of Collapsible Soils Due To Wetting. *Journal of Rock Mechanics and Geotechnical Engineering*, Vol. 6, 256-274.
- Locat, J. (1995). Genesis and Properties of Collapsible Soils: On The Development of Microstructure in Collapsible Soils. Dalam E. Derbyshire (Penyunt.), *NATO Advanced Research* (hal. 93-128). UK: Kluwer Academic Publisher.
- Masrurah, Heni. (2016). Interpretasi Longsor Menggunakan Format Kecil. *Tesis*. Yogyakarta: Universitas Gadjah Mada
- Meiarti, Rini. (2017). Penentuan Zonasi Detail Bahaya Longsor Menggunakan Data UAV di Sub DAS Bompon Kabupaten Magelang Provinsi Jawa Tengah. *Tesis*. Yogyakarta: Universitas Gadjah Mada.
- Momeni, M., Shafiee, A., Heidari, M., Jafari, M.K., & MahdaviFar, M.R. (2012). Evaluation of soil collapse potential in regional scale. *Nat Hazard*, Vol. 64, 459-479.
- Nalini, T., & Kommu, S. (2015). Collapse Behaviour of a Calcareous Soil Using Oedometer Test. *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 4, 4588-4995.
- NRCS. (2006). Soils – Fundamental Concepts. *Scoop on Soil Educational CD*, (May).
- O'Kelly, B. C. (2013). Atterberg Limits and Remolded Shear Strength-Water Content Relationships. *ASTM Geotechnical Testing Journal*, Vol. 36 (6), 939-947, doi:10.1520/GTJ20130012.
- Ozelim, L.C.de S.M., Carvalho, J.C., Cavancante, A.L.B., Silva, J.P., & Muñetón, C.M.G. (2015). Novel Approach to Consolidation Theory of Structured and Collapsible Soils. *Int. J. Geomech*, Vol. 15 (4), 1-10.
- Pardoyo, B., dan Hidayat, A. (2006). Pengaruh Kadar Air Optimum Dengan Variasi Kepadatan Terhadap Potensi Dan Tekanan Mengembang pada Tanah Ekspansif. *Media Komunikasi Teknik Sipil*. Vol. 2 (2).

- Rogers, C.D.F. (1995). Genesis and Properties of Collapsible Soils: Types and Distributions of Collapsible Soils. Dalam E. Derbyshire (Penyunt.), *NATO Advanced Research* (hal. 1-17). UK: Kluwer Academic Publisher.
- Sartohadi, J., Suratman., Jamulya., & Dewi, Nur Indah S. (2014). *Pengantar Geografi Tanah*. Yogyakarta: Pustaka Pelajar.
- Sasanian, S., Newson, T.A.. (2011). Basic Parameters Governing the behaviour of Cement-treated Clays. *The Japanese Geotechnical Society, Soils and Foundations* 54(2014); 209-224.
- Scholfield, A., & Wroth, C. P. (2005). *Critical State Soil Mechanics*. Cambridge: Cambridge University.
- Silvia, B., (2013). Monitoring Landslide-Induced Displacements with TerraSAR-X Persistent Scatterer Interferometry (PSI): Gimigliano Case Study in Calabria Region (Italy). *International Journal of Geosciences*, Vol.4, 1467-1482.
- SNI 2812:2011 Cara Uji Konsolidasi Satu Dimensi oleh Badan Standardisasi Nasional.
- SNI 8072:2016 Cara Uji Pengukuran Potensi Runtuhan Tanah di Laboratorium.
- Sugiyono. (2011). *Metode Penelitian Kombinasi (Mixed Methods)*. Bandung: Alfabeta.
- Sugiyono. (2007). *Statistika untuk Penelitian*. Bandung: Alfabeta
- Thakur, V. (2016). Landslide Hazards in Sensitive Clays : Recent Advances in Assessment and Mitigation Strategies. *In the 17th Nordic Geotechnical Meeting* (hal. 1141–1152). Norwegia: NGM 2016 Reykjavik.
- Thakur, V., Nordal, S., & Grimstad, G. (2006). Phenomenological issues related to strain localization in sensitive clays. *Geotechnical and Geological Engineering*, 24(6), 1729–1747.<https://doi.org/10.1007/s10706-005-5818-z>
- USDA-NRCS. (2014). Soil Health – Bulk Density/Moisture/Aeration. *Guides for Educators*. USDA.
- USGS. (2004). *Landslides Types and Processes*. Reston, Virginia: U.S. Department of The Interior. U.S. Geological Survey.
- White, R. E. (2006). *Principles and Practice of Soil Science: The Soil as a Natural Resource* (4 ed.). Melbourne: Blackwell Science.

- Yalcin, A. (2007). The Effects of Clay on Landslides: A case study. *Applied Clay Science*, Vol. 20, 1-9.
- Yanfei, S., Limin, W. (2012). The Collapsible Diseases of Masonry Structure in the Loess Regions. International Conference on Structural Computation and Geotechnical Mechanics. *Procedia Earth and Planetary Science*, Vol. 5, 164-169.
- Yunus, H.S. (2010). *Metode Penelitian Wilayah Kontemporer*. Yogyakarta: Pustaka Pelajar.