

- Abda, J., 2021. Tinjauan Sistem Drainase Jalan 17, 107–113.
- Ambramson, L.W., Lee, T.S., Sharma, S., Boyce, G.M., 2002. *Slope Stability and Stabilization Methods*. John Wiley & Sons, Inc., New York.
- ASTM-D4439, t.t. *Standard Terminology for Geosynthetics*.
- Badhon, F.F., Islam, M.S., Islam, M.A., Arif, M.Z.U., 2021. *A Simple Approach for Estimating Contribution of Vetiver Roots in Shear Strength of a Soil–Root System. Innovative Infrastructure Solutions* 6. <https://doi.org/10.1007/s41062-021-00469-1>
- Brooks, H., 2013. *Basics of Retaining Wall Design, 8th ed.*
- Cruden, D.M., 1991. *A simple definition of a landslide. Bulletin of the International Association of Engineering Geology - Bulletin de l'Association Internationale de Géologie de l'Ingénieur* 43, 27–29. <https://doi.org/10.1007/BF02590167>
- Cruden, D.M., Varnes, D.J., 1996. *Landslide Types and Processes. National Academy of Sciences* 36–75.
- Departemen Pekerjaan Umum Badan Penelitian dan Pengembangan PU Pusat Penelitian dan Pengembangan Jalan, 1995. Struktur Bangunan Penahan Tebing dan Bangunan Pengaman. Bandung.
- Djojowiriono, S., 1984. Manajemen Konstruksi I. KMTS UGM, Yogyakarta.
- Elias, V., Christopher, B., Berg, R., 2001. *Mechanically Stabilized Earth Walls and Reinforced Soil Slopes: Design and Construction Guidelines, FHWA-NHI-00-043. ed. Federal Highways Administration, US Department of Transportation, Washington, D.C.*
- Fauzi, A., Sukobar, Imam Wahyudi, D., Moeljono, R.A.T., 2019. Analisa Stabilitas Lereng dan Alternatif Penanganannya Studi Kasus Proyek Pekerjaan Kanal Utama Row 80 Kawasan Industri JIPE-Gresik. *Jurnal Aplikasi Teknik Sipil* 17, 59–62.
- Federal Highway Administration, 1988. Highway Slope Maintenance and Slide Restoration Workshop.*

Fitz, G.M., Brandon, T.L., Duncan, J.M., 1992. *Back Analysis of Olmsted Landslide Using Anisotropic Strengths (No. 1343)*.

Geoforce Indonesia (Ed.), t.t. *Metode Konstruksi Geoframe*. Jakarta.

Glade, Thomas., Anderson, Malcolm., Crozier, M.J., 2005. *Landslide hazard and risk*. J. Wiley.

Gray, D.H., Sotir, R.B., 1995. *Biotechnical Stabilization of Steepened Slopes*. Washington, D.C.

Hamdhan, I.N., Santi Pratiwi, D., Adisya, R., Rahmah, K., 2020. Analisis Stabilitas pada Lereng dengan Perkuatan Tanaman Vetiver Menggunakan Metode Elemen Hingga 3D. *Media Komunikasi Teknik Sipil* 26, 174–182.

Hardiyatmo, H.C., 2018a. *Mekanika Tanah 1*. Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C., 2018b. *Mekanika Tanah 2*. Gadjah Mada University Press, Yogyakarta.

Hardiyatmo, H.C., 2013. *Geosintetik Untuk Rekayasa Jalan Raya Perancangan dan Aplikasi*, 2 ed. Gadjah Mada Univesity Press, Yogyakarta.

Hengchaovanich, D., Nilaweera, N.S., 1996. *An Assessment of Strength Properties of Vetiver Grass Roots in Relation to Slope Stabilization*. First International Vetiver Conference.

Islam, M.S., Badhon, F.F., Arif, U.A., Mallick, S., 2016. *Investigation of Vetiver Root Growth in Sandy Soil*, dalam: *BUET-ANWAR ISPAT 1st Bangladesh Civil Engineering SUMMIT*. Dhaka, hlm. 62–69.

Jotisankasa, A., Sirirattanachat, T., Rattana-areekul, C., Mahannopkul, K., Sopharat, J., 2015. *Engineering Characterization of Vetiver System for Shallow Slope Stabilization*, dalam: *The 6th International Conference on Vetiver (ICV-6)*. Danang.

Karnawati, D., 2007. *The Mechanism of Rock Mass Movements as the Impact of Earthquake; Geology Engineering Review and Analysis* 7, 179–190.

Karnawati, D., 2005. *Bencana Alam Gerakan Massa Tanah di Indonesia dan Upaya Penanggulangannya*. Jurusan Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada.

- Kim, G.C., Kim, J.H., 2020. *Changes in mechanical properties of wood due to 1 year outdoor exposure. Journal of the Korean Wood Science and Technology* 48, 12–21. <https://doi.org/10.5658/WOOD.2020.48.1.12>
- Machado, L., Holanda, F.S.R., Da Silva, V.S., Maranduba, A.I.A., Lino, J.B., 2015. *Contribution of the Root System of Vetiver Grass Towards Slope Stabilization of the São Francisco River. Semina: Ciências Agrárias* 36, 2453–2463. <https://doi.org/10.5433/1679-0359.2015v36n4p2453>
- Mandal, J., Narwal, S., Gupte, S.S., 2017. *Back Analysis of Failed Slopes - A Case Study. International Journal of Engineering Research & Technology (IJERT)* 6.
- Melo, C., Sharma, S., 2004. *Seismic Coefficients for Pseudostatic Slope Analysis (No. 369), 13. Vancouver.*
- Nugraha, Yudhistira, F., Hamdhan, Noer, I., 2016. Analisis Stabilitas Lereng Menggunakan Perkuatan Tanaman Switchgrass. *Jurnal Online Institut Teknologi Nasional* 2, 71–82.
- Permana, A.V., 2022. *Pemodelan dan Analisis Stabilitas Lereng dengan Perkuatan Vetiver. Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.*
- Rahayu, Y., Harsanti, W., Trijanto, D., 2022. Perencanaan Ulang Tanggul Bronjong untuk Pengendalian Banjir Anak Sungai Bogel Daerah Kedung Wungu Kabupaten Blitar. *Jurnal Online Skripsi* 3, 190–195.
- Rifiqiawan, R.A., 2015. Mitigasi Bencana Longsor di Kawasan Perumnas Bukti Beringin Lestrasi, Gondoriyo, Ngaliyan, Semarang dengan Menggunakan Vetiver Grass Technology. Semarang .
- Shukla, S.K., 2002. *Geosynthetics and their applications. Thomas Telford.*
- Shukla, S.K., Yin, J.-H., 2006. *Fundamentals of Geosynthetic Engineering. Taylo & Francis Group, London.*
- Sihotang, A.Y.Z., Djarwanti, N., Dananjaya, R.H., 2016. Analisis Stabilitas Lereng yang Diperkuat dengan Cerucuk Kayu di Desa Sendangmulyo, Tirtomoyo, Wonogiri. *Jurnal Matriks Teknik Sipil* 674–681.

Sudjianto, A.T., 2015. Tanah Ekspansif Karakteristik & Pengukuran Perubahan Volume. Graha Ilmu, Yogyakarta.

Sugianti, K., Mulyadi, D., Sarah, D., 2014. Klasifikasi Tingkat Kerentanan Gerakan Tanah Daerah Sumedang Selatan Menggunakan Metode Storie. Jurnal Riset Geologi dan Pertambangan 24, 91. <https://doi.org/10.14203/risetgeotam2014.v24.86>

Susilawati, Veronika, 2016. Kajian Rumput Vetiver Sebagai Pengaman Lereng Secara Berkelanjutan. Jurnal Media Komunikasi Teknik Sipil 22, 99–108.

Syah, A., Dani, I., Erfani, S., 2020. Kombinasi Metode Kontrol dan Perkuatan untuk Penanganan Longsor (Studi Kasus: Longsor Waikerap, Tanggamus, Lampung). Borneo Engineering 4.

Tahir, Moh.A., 2016. Model Eksperimental Reduksi Deformasi Tanah dengan Menggunakan Perkuatan Bambu. Universitas Hasanuddin, Makassar.

Teerawattanasuk, C., Maneecharoen, J., Bergado, D.T., Voottipruex, P., Lam, L.G., 2014. *Root Strength Measurements of Vetiver and Ruzi Grasses. Lowland Technology International* 16, 71–80. https://doi.org/10.14247/lti.16.2_71

Terzaghi, K., 1950. *Mechanism of Landslides. The Geological Society of America*, Berkey.

Terzaghi, K., 1943. *Theoritical Soil Mechanics*.

The Japan Landslide Society National Conference of Landslide Control, 1996. *Landslides In Japan (The Fifth Revision)*.

Truong, P., Van, T.T., Pinners, E., 2008. *Vetiver System Applications Technical Reference Manual*.

Varnes, D.J., 1978. *Slope Movement Types and Processes. Transportation Research Board*, Washington, DC.

Verbrugge, J.-C., Schroeder, C., 2018. *Geotechnical Correlations for Soils and Rocks*.

Voottipruex, P., Bergado, D.T., Mairaeng, W., Chucheeepsakul, S., Modmoltin, C., 2008. *Soil Reinforcement with Combination Roots System: A Case Study of Vetiver Grass and Acacia Mangium Willd. Lowland Technology International* 10, 56–67.

Wu, T.H., McKinnell III, W.P., Swanston, D.N., 1979. *Strength of Tree Roots and Landslides on Prince of Wales Island, Alaska. Canadian Geotechnical Journal* 16, 19–33.

Yadav Larsen, P., Yadav, P.A., Meshram, V.M., Padade, A.H., Dahale, P.P., 2018. *Analytical and Experimental Analysis of Retaining Wall in Static and Seismic Conditions: A Review. International Journal of Civil Engineering and Technology (IJCET)* 9, 9–11.

Zhang, Y., Liu, W., He, S., 2024. *Effect of Vegetation Growth on Morphological Traits of Vegetation and Biomechanical Features of Roots. Plant Soil* 494, 395–411.
<https://doi.org/10.1007/s11104-023-06285-z>

Zumrawi, M.M.E., 2015. *Geotechnical Aspects for Roads on Expansive Soils. Article in International Journal of Science and Research* 4.