

DAFTAR PUSTAKA

- Abramson, L., Lee, T., Boyce, G., & Sharma, S. (2002). *Slope Stability and Stabilization Methods*.
- Agustin, R., & Sudardja, H. (2021). Desain ulang badan jalan dengan geotekstil sebagai alternatif peningkatan stabilitas lereng. *Prokons: Jurnal Teknik Sipil*, 15(1), 32–42.
- Akbas, M., Demirci, G., Ozdemir, B. B., & Iyisan, R. (2025). *Performance Assessment Of Compression Ground Anchors In Urban Deep Excavations Through Numerical And Field Investigations*. *Scientific Reports*, 15(1), 40500.
- Aribudiman, I. N. (2025). Analisis Stabilitas Galian Lereng Area Sutet Dengan Kombinasi Perkuatan Soil Nailing Dan Ground Anchor: Geoteknik. *Konferensi Nasional Teknik Sipil*, 3(5), 859–869.
- Badan Standarisasi Nasional (BSN). (2017). *SNI 8460:2017 Persyaratan perancangan geoteknik*. www.bsn.go.id
- Badan Standarisasi Nasional (BSN). (2019). *SNI 1726 2019*.
- Bowles, J. E., & Guo, Y. (1996). *Foundation analysis and design* (Vol. 5). McGraw-hill New York.
- British Standards Institution. (2015). *BS 8081:2015 Code of practice for grouted anchors*.
- Changhai, Z., Yuhao, Z., & Chengming, Y. A. N. (2021). Influence of Design Parameters of Anchor on Dyke Slope Stability. *Renmin Zhujiang*, 42.
- Chen, C., Zhu, S., Zhang, G., Morsy, A. M., Zornberg, J. G., & Mao, F. (2022). *A Generalized Load-Transfer Modeling Framework For Tensioned Anchors Integrating Adhesion–Friction-Based Interface Model*. *International Journal of Geomechanics*, 22(5), 04022036.
- Chengzhong, W., & Shuangjian, N. (2023). Engineering analysis and numerical study on stability evaluation of seepage slope reinforcement stability of Yunmao expressway. *Frontiers in Materials*, 10, 1269175.
- Choi, S. W., Lee, J., Kim, J., & Park, H. (2013). Design and Application of a Field Sensing System for Ground Anchors in Slopes. *Sensors*, 13, 3739–3752. <https://doi.org/10.3390/s130303739>
- Das, B. M. (2010). *Principles of Geotechnical Engineering* (7th ed.). Cengage Learning.
- Das, B. M., & Sivakugan, N. (2018). *Principles of foundation engineering*. Cengage learning.
- Du, Z., Li, N., Ding, W., Tao, Y., Wu, X., Guo, J., You, P., Wang, C., Archbold, P., & Mullarney, B. (2022). *Development of the Large-Tonnage Pressure-*

- Type Prestressed Anchor Cable with BFRP for Geotechnical Engineering and Its Mechanical Properties. Geofluids, 2022(1), 7467842.*
- Fan, Y., Yang, G., Ye, H., & Liu, Y. (2024). *Seismic Response Investigation Of Prestressed Anchor Cable Supporting Rock Slope With Weak Interlayer In Qinghai-Tibet Plateau, China. Scientific Reports, 14(1), 18088.*
- FHWA. (2015). *Soil Nail Walls Reference Manual Developed following: AASHTO LRFD Bridge Design Specifications, 7 th Edition.*
- Gui, M.-W., & Rajak, R. P. (2024). *A Numerical Study of a Soil-Nail-Supported Excavation Pit Subjected to a Vertically Loaded Strip Footing at the Crest. Buildings, 14(4), 927.*
- Hardiyatmo, H. C. (2002). *Mekanika Tanah 1, edisi ke-2. Beta Offset, Yogyakarta.*
- Hary Christady Hardiyatmo. (2020). *Analisis dan perancangan fondasi I: Edisi Keempat (4th ed.). Gadjah Mada University Press.*
- He, D., Yang, W., Cheng, Y., & Chen, B. (2019). *Effect of Anchor Layouts on the Safety Factor and Slip Surface of Slope. Geotechnical and Geological Engineering, 37(2), 1073–1078. <https://doi.org/10.1007/s10706-018-0655-z>*
- Hidayatulloh, R., Endah Fatmawati, L., & Widhiarto, H. (2023). *Perencanaan Perkuatan Soil Nailing Sebagai Alternatif Stabilitas Lereng Pada Jalan Lintas Selatan Lot 6 Tulungagung Menggunakan Metode Manual Bishop Dan Baji. Jurnal Teknik Sipil, 8(2), 20–29. <https://doi.org/10.56071/deteksi.v8i2.525>*
- Jia, J., Gao, X., Bao, X., Xiang, X., Zhang, L., & Tu, B. (2024). *Dynamic Stability Analysis Method Of Anchored Rocky Slope Considering Seismic Deterioration Effect. Scientific Reports, 14(1), 7014.*
- Khodijah, S., Monica, U. S., Ersyari, J., Khoirullah, N., & Sophian, R. I. (2022). *Analisis Kestabilan Lereng Menggunakan Metode Kesetimbangan Batas Dalam Kondisi Statis Dan Dinamis Pada Pit X, Tanjung Enim, Sumatra Selatan. Geoscience Journal, 6(4), 1030–1037.*
- Kramer, S. L. (1996). *Geotechnical Earthquake Engineering.* Prentice Hall. <https://books.google.co.id/books?id=sC22QgAACAAJ>
- Lestari, M. P., Budiarta, B., & Perdana, Y. H. (2023). *Penggunaan Sotware Gmt 6 Dan Python Untuk Menampilkan Peta Seismisitas Dan Menghitung Besar Sudut Subduksi Dipulau Jawa Tahun 2021. Jurnal Stasiun Geofisika Sleman, 1(2).*
- Li, J., Chen, S., Yu, F., & Jiang, L. (2019). *Reinforcement Mechanism And Optimisation Of Reinforcement Approach Of A High And Steep Slope Using Prestressed Anchor Cables. Applied Sciences, 10(1), 266.*
- Li, Z., Wei, J., & Yang, J. (2014). *Stability Calculation Method Of Slope Reinforced By Prestressed Anchor In Process Of Excavation. The Scientific World Journal, 2014(1), 194793.*

- Liu, L., Wang, H., Zhang, Y., & Wang, Y. (2024). *Stability Evaluation Of Slope Protection By Anchor Combined With Plant Roots*. *Academic Journal of Engineering and Technology Science*, 7(2).
- Look, B. G. (2007). *Handbook of geotechnical investigation and design tables*. Taylor & Francis.
- Mandagi, A. T., Ticoh, J. H., & Pudihang, E. E. P. (2024). Analisis Stabilitas dan Perkuatan Lereng dengan Metode Ground Anchor (Studi Kasus: Ruas Jalan Trans Sulawesi, Desa Lelema, Kecamatan Tumpaan, Kabupaten Minahasa Selatan). *TEKNO*, 22(88), 779–790.
- Mulyawan, I. R. (2023). Evaluasi dan Optimasi Dinding Penahan Tanah Desa Sulangai, Kecamatan Petang, Kabupaten Badung, dengan Perkuatan Ground Anchor. *Simposium Nasional Teknologi Infrastruktur Abad Ke, 21*, 0–7.
- Nainitania, R., & Darmawan, D. (2021). Analisis Zona Genangan Tsunami Akibat Gempa Bumi Megathrust di Selatan Pulau Jawa. *Jurnal Ilmu Fisika Dan Terapannya*, 2, 20–26.
- Nasional, B. S. (2008). SNI 4153: 2008 Cara uji penetrasi lapangan dengan SPT. *Jakarta: Badan Standarisasi Nasional*.
- Pham, D. K., Nguyen-Van, H., & To, T. S. (2026). A Case Study of Ground Anchor Effectiveness on Slope Stability in Red Basaltic Soil. *Transportation Infrastructure Geotechnology*, 13(3), 62.
- Ramadhanty, A. Z., Febrianty, A., Utomo, A. M., & Widodo, A. (2024). Identifikasi Dan Karakterisasi Gempa Intraslab Di Pulau Jawa 2017-2021 Dengan Metode Segmen Irisan Vertikal (Studi Kasus Gempa Intraslab Tasikmalaya). *JGE (Jurnal Geofisika Eksplorasi)*, 10(3), 178–190.
- Sihotang, J. T., Rondonuwu, S. G., & Sarajar, A. N. (2023). Pengaruh Beban Gempa terhadap Kestabilan Lereng Menggunakan Perkuatan Soil Nailing (Studi Kasus: Ruas Jalan Manado Outer Ring Road III). *TEKNO*, 21(84), 741–751.
- Standards Australia. (2002). *AS 4678:2002 Earth-retaining structures*.
- Sutanto, A. S., Rahardjo, P. P., & Lim, A. (2021). Influence of pre-stressing on tieback retaining wall for sandy soils excavations. *J Civil Eng Forum*, 7(3), 253–266.
- Tazakka, M. S. (2024). *Plaxis untuk Geoteknik Dasar*.
- Yuliatmoko, R. S., Perdana, Y. H., & Martha, A. A. (2021). Distribusi Frekuensi Gempabumi dan Dimensi Fraktal pada Seismik Gap di Indonesia. *Jurnal Meteorologi Dan Geofisika*, 22(2), 55–56.