

DAFTAR PUSTAKA

- Abden, A., Al-Shamrani, M., & Dafalla, M. (2024). Evaluating the feasibility of inverted T foundation on expansive soils. *Journal of Building Engineering*, 97(September), 1–19. <https://doi.org/10.1016/j.jobbe.2024.110788>
- Ahmad, S., Shah Alam Ghazi, M., Syed, M., & Al-Osta, M. A. (2024). Utilization of fly ash with and without secondary additives for stabilizing expansive soils. *Results in Engineering*, 22, 10. <https://doi.org/10.1016/j.rineng.2024.102079>
- Almuaythir, S., Zaini, M. S. I., Hasan, M., & Hoque, M. I. (2024). Sustainable soil stabilization using industrial waste ash: Enhancing expansive clay properties. *Heliyon*, 10(20), e39124. <https://doi.org/10.1016/j.heliyon.2024.e39124>
- ASTM (1992), ASTM Standards on Soil Stabilization with Admixture, American Society Testing and Materials, Second Edition. Bowles, J.E. (1979), Physical and Geotechnical Properties of Soils, McGrawhill Book Company, New York.
- Barman, D., & Dash, S. K. (2022). Stabilization of expansive soils using chemical additives: A review. *Journal of Rock Mechanics and Geotechnical Engineering*, 14(4), 1319–1342. <https://doi.org/10.1016/j.jrmge.2022.02.011>
- Guan, H., Zou, P., Lin, R., & Xiao, L. (2024). Soil-water retention capacity of expansive soil improved through enzyme induced carbonate precipitation-eggshell powder. *Journal Pre-Proof*, 24(8), 20–30. <https://doi.org/10.1016/j.bgtech.2024.100146>
- Gunarso, A., Nuprayogi, R., Partono, W., & Pardoyo, B. (2017). Stabilisasi Tanah Lempung Ekspansif Dengan. *Jurnal Karya Teknik Sipil*, 6(2), 238–245.
- Ibrahimi, I., Rizaj, M., Pula, J., Kongoli, F., & McBow, I. (2013). Basic control principles for producing a high performing new ceramic glass by mixing fly ash, ferronickel slag and waste glass. In *IFAC Proceedings Volumes (IFAC-PapersOnline)* (Vol. 15, Issue PART 1). IFAC. <https://doi.org/10.3182/20130825-4-US-2038.00057>
- Jorge Marcal, P., Tugas Sudjianto, A., & Aditya, C. (2022). Stabilisasi Swelling Tiga Dimensi (3D) Tanah Lempung Ekspansif Dengan Limbah Industri Kerajinan Marmer. *BOUWPLANK Jurnal Ilmiah Teknik Sipil Dan Lingkungan*, 2(1), 20–29. <https://doi.org/10.31328/bouwplank.v2i1.234>
- Levany, O. S., & Sentosa, G. S. (2024). Potensi Tanah Ekspansif Di Wilayah Jakarta Dan Sekitarnya. *JMTS: Jurnal Mitra Teknik Sipil*, 7(2), 589–596. <https://doi.org/10.24912/jmts.v7i2.28010>
- Lin, Y. liang, Zhang, Z., Zhou, Y. hua, Duan, J. yi, & Yang, G. lin. (2024). Investigation on lateral pressure on a sheet-pile wall with EPS layer supporting an expansive soil slope. *Case Studies in Construction Materials*, 21(October). <https://doi.org/10.1016/j.cscm.2024.e03945>
- Mahmud, F., Masvika, H., Widiatmoko, K. W., & Ahmad, F. (2024). Perbaikan Tanah Ekspansif dengan Penambahan Pasir Kasar Sebagai Stabilisator. *Jurnal Teknik Sipil Universitas 17 Agustus Semarang*, 17(1), 23–29.
- Mohamed, A. A. M. S., Yuan, J., Al-Ajamee, M., Dong, Y., Ren, Y., & Hakuzweyezu,

- T. (2023). Improvement of expansive soil characteristics stabilized with sawdust ash, high calcium fly ash and cement. *Case Studies in Construction Materials*, 18, 4. <https://doi.org/10.1016/j.cscm.2023.e01894>
- Nepiawan, A., Sriyani, R., & M, W. (2023). Stabilisasi Tanah Lempung terhadap Nilai Kepadatan dan CBR Tanah dengan menggunakan Slag Nikel. *Stabilita Jurnal Ilmiah Teknik Sipil, Fakultas Teknik, Universitas Halu Oleo*, 10(3), 139. <https://doi.org/10.55679/jts.v10i3.31253>
- Onyelowe, K., Alaneme, G., Igboayaka, C., Orji, F., Ugwuanyi, H., Bui Van, D., & Nguyen Van, M. (2019). Scheffe optimization of swelling, California bearing ratio, compressive strength, and durability potentials of quarry dust stabilized soft clay soil. *Materials Science for Energy Technologies*, 2(1), 67–77. <https://doi.org/10.1016/j.mset.2018.10.005>
- Othman, K., & Abdelwahab, H. (2023). The application of deep neural networks for the prediction of California Bearing Ratio of road subgrade soil. *Ain Shams Engineering Journal*, 14(7), 10–27. <https://doi.org/10.1016/j.asej.2022.101988>
- Rabab'ah, S. R., Sharo, A. A., Alqudah, M. M., Ashteyat, A. M., & Saleh, H. O. (2023). Effect of using Oil Shale Ash on geotechnical properties of cement-stabilized expansive soil for pavement applications. *Case Studies in Construction Materials*, 19(September), 2–8. <https://doi.org/10.1016/j.cscm.2023.e02508>
- Sari, Y., Manaf, A., Astuti, W., Nurjaman, F., Susanti, D., Sipahutar, W. S., & Bahfie, F. (2024). Nickel recovery in ferronickel concentrate by green selective reduction of nickel laterite. *Engineering Science and Technology, an International Journal*, 57(June), 101798. <https://doi.org/10.1016/j.jestch.2024.101798>
- SNI 1964. 2008. Cara Uji Berat Jenis Tanah. Bandung.
- SNI 1967. 2008. Cara Uji Penentuan Batas Cair Tanah.
- SNI 1966. 2008. Cara Uji Penentuan Batas Plastis dan Indeks Plastisitas Tanah.
- SNI 1742. 2008. Cara Uji Kepadatan Ringan Untuk Tanah.
- SNI 1743. 2008. Cara Uji Kepadatan Berat Untuk Tanah.
- SNI 1744. 2012. Cara Uji CBR Laboratorium.
- Srihandayani, S. (2018). Pengaruh Tanah Ekspasif Pada Bangunan Sipil dan Solusinya. *Jurnal Unitek*, 10(2), 59–75. <https://doi.org/10.52072/unitek.v10i2.85>
- Sriram Karthick Raja, P., & Thyagaraj, T. (2021). Significance of compaction time delay on compaction and strength characteristics of sulfate resistant cement-treated expansive soil. *Journal of Rock Mechanics and Geotechnical Engineering*, 13(5), 1193–1202. <https://doi.org/10.1016/j.jrmge.2021.03.003>