

DAFTAR PUSTAKA

- Ahmad, W., Uchimura, T., 2023. The Effect of Moisture Content at Compaction and Grain Size Distribution on the Shear Strength of Unsaturated Soils. Sustainability (Switzerland) 15. <https://doi.org/10.3390/su15065123>
- Al-naje, F.Q., Abed, A.H., Al-Taie, A.J., 2020. A Review of Sustainable Materials to Improve Geotechnical Properties of Soils. Al-Nahrain Journal for Engineering Sciences 23, 289–305. <https://doi.org/10.29194/njes.23030289>
- Anggraini, M., Haris, V.T., Saleh, A., 2023. Karakteristik Tanah Timbun Sebagai Pengganti Subgrade. JICE-Journal of Infrastructure and Civil Engineering 3, 100–103. <https://doi.org/10.35583/jice.v3i2.44>
- Anindita, N.A., Harninto, D.S., Raffly Muhammad Darmawan, 2023. Optimizing the Embankment Fill Reinforcement for Rest Area on the Semarang-Solo Toll Road with Geoframe System. Indonesian Geotechnical Journal 2, 169–178. <https://doi.org/10.56144/igj.v2i3.52>
- Bagarello, V., Caltabellotta, G., Fusco, M., Vaccaro, G., Autovino, D., 2025. Investigating Soil Compaction and Its Impact on Physical and Hydraulic Properties Using a Simple Testing Apparatus. Water (Switzerland) 17. <https://doi.org/10.3390/w17050723>
- Bai, Y., Arulrajah, A., Horpibulsuk, S., Chu, J., 2023. Gasified olive stone biochar as a green construction fill material. Constr Build Mater 403, 133003. <https://doi.org/https://doi.org/10.1016/j.conbuildmat.2023.133003>
- Bina Marga, 2018. Spesifikasi Umum 2018 Divisi 3 Pekerjaan Tanah dan Geosintetik.
- Bina Marga, 2010. Spesifikasi Umum Bina Marga Divisi 1 2010 Umum.
- Bowles, J.E., 1996. Foundation analysis and design. McGraw-Hill.
- Çetin, M.Y., Bağrıaçık, B., Annagür, H.M., Topoliński, S., 2024. Improvement of Geotechnical Properties of Clayey Soil Using Biopolymer and Ferrochromium Slag Additives. Polymers (Basel) 16. <https://doi.org/10.3390/polym16101306>
- Cheng, Y., Zhao, C., Zeng, G., Ju, Y., 2025. Compression Characteristics of Highly Compacted and Tamped Loess Soil Fills. Buildings 15. <https://doi.org/10.3390/buildings15081291>
- Das, B.M., 2019. Advanced Soil Mechanics, 5th ed. Taylor & Francis Group.
- Fathurrozi, Rezqi, F., 2016. Sifat-sifat Fisis dan Mekanis Tanah Timbunan Badan Jalan Kuala Kapuas. Jurnal POROS Teknik 8, 16–24.
- Hardiyatmo, H.C., 2010. Mekanika Tanah 1, 3rd ed. Yogyakarta: Gadjah Mada University Press.

- Indrayani, I., Herius, A., Prabudi, D., Pratama, A.S., Nanda, P., Fernando, N., 2021. Analisis Peningkatan Nilai CBR Tanah Rawa Menggunakan Campuran Petrasoil Dan Kapur. Jurnal Rekayasa Sipil (Jrs-Unand). <https://doi.org/10.25077/jrs.17.2.108-115.2021>
- Islam, S., Islam, J., Hoque, N.M.R., Hasan, K., 2023. Improving geotechnical properties of soil of hillock slope using crushed recycled concrete aggregates. Journal of Engineering Research (Kuwait) 11, 293–300. <https://doi.org/10.1016/j.jer.2023.100139>
- Kodikara, J., Islam, T., Sountharajah, A., 2018. Review of soil compaction: History and recent developments. Transportation Geotechnics 17, 24–34. <https://doi.org/https://doi.org/10.1016/j.trgeo.2018.09.006>
- Kufre Etim, R., Ufot Ekpo, D., Christopher Attah, I., Chibuzor Onyelowe, K., 2021. Effect of micro sized quarry dust particle on the compaction and strength properties of cement stabilized lateritic soil. Cleaner Materials 2. <https://doi.org/10.1016/j.clema.2021.100023>
- Lastiasih, Y., Sari, P.T.K., 2020. Comparison of ultimate bearing capacity based on empirical method, interpretation of loading pile test and finite element, in: IOP Conference Series: Materials Science and Engineering. IOP Publishing Ltd. <https://doi.org/10.1088/1757-899X/930/1/012036>
- Lindh, P., Lemenkova, P., 2023. Geotechnical Properties of Soil Stabilized with Blended Binders for Sustainable Road Base Applications. Construction Materials 3, 110–126. <https://doi.org/10.3390/constrmater3010008>
- M Das, B., Sobhan, K., 2014. Principles of geotechnical engineering.
- Nuraida, Sukoco, I., Ilfiyaningrum, A., 2023. Uji Kepadatan Tanah Timbun Untuk Pembangunan Jalur Ganda KA Antara Solo Balapan - Kadipuro - Kalioso KM. 96+400 s/d KM 104+900. Artikel Ilmiah Aplikasi Teknoloi APTEK 16, 17–21. <https://doi.org/10.30606/aptek.v16i1.2160>
- Sabilla, A., Munirwansyah, Yunita, H., 2024. Analysis of Physical Properties and Soil Uplift by Searching for Swelling Values in Barbate Quarry Soil for Earthquake Disaster Mitigation Efforts, in: E3S Web of Conferences. EDP Sciences. <https://doi.org/10.1051/e3sconf/202447601066>
- Setiyanto, T.T., Yamali, F.R., Setiawan, A., 2021. Tinjauan Karakteristik Tanah Timbunan Sumber Bahan Di Desa Mendalo Darat Kecamatan Jambi Luar Kota. Jurnal Talenta Sipil 4, 176. <https://doi.org/10.33087/talentasipil.v4i2.72>
- Shaheb, M.R., Venkatesh, R., Shearer, S.A., 2021. A Review on the Effect of Soil Compaction and its Management for Sustainable Crop Production. Journal of Biosystems Engineering. <https://doi.org/10.1007/s42853-021-00117-7>
- Siahaya, L., Subagio, B.S., Susilo, A.J., 2023. Development of Flexible Pavement Structure Using The Local Materials of Sarmi Using The Local Materials of Sarmi, Papua Indonesia. International Journal of GEOMATE 24, 34–41. <https://doi.org/10.21660/2023.103.3479>

SNI 8460, 2017. Persyaratan Perancangan Geoteknik, in: Badan Standardisasi Nasional. Jakarta, pp. 1–323.

Soltani, A., Azimi, M., O'Kelly, B.C., 2021. Modeling the compaction characteristics of fine-grained soils blended with tire-derived aggregates. *Sustainability* (Switzerland) 13. <https://doi.org/10.3390/su13147737>

Srihandayani, S., Hakam, A., Mera, M., Ismail, F.A., 2023. Bearing Capacity Analysis of Floating Foundation Model in Homogeneous Very Soft Clay. *Civil and Environmental Engineering* 19, 758–771. <https://doi.org/10.2478/cee-2023-0069>

Srihandayani, S., Mazni, D.I., 2021. Karakteristik Tanah Timbun sebagai Pengganti Subgrade di Lahan Gambut. *Jurnal Universitas Muhammadiyah Palembang* 07, 10–14.

Srihandayani, S., Mera, M., 2023. Analysis of the behaviour of the floating pipe pile foundation on soft soil, in: *E3S Web of Conferences*. EDP Sciences. <https://doi.org/10.1051/e3sconf/202346409006>

Yoon, B., Cho, Y., Choo, H., Jang, J., 2024. Experimental and numerical evaluation of sustainable application of steel slag as an alternative to gravel in compaction piles. *Case Studies in Construction Materials* 21, e03900. <https://doi.org/https://doi.org/10.1016/j.cscm.2024.e03900>

Zakaria, Z., Luthfan Jihadi, H., 2016. Peran Ilmu Dasar dalam Geoteknik. *Bulletin of Scientific Contribution Fakultas Teknik Geologi Universitas Padjadjaran* 14, 239–250.

