

## DAFTAR PUSTAKA

- ASTM D559-03 Standard Test Methods for Wetting and Drying Compacted Soil-Cement Mixture. *Annual Book of ASTM Standar*, 1995.
- ASTM D5102 - 09 Unconfined compressive Strength of Compacted soil-Lime Mixtures, ASTM International, Pennsylvania, USA, 2009.
- Dang, L.C., Fatahi, B., Khabbaz, H., 2016, Behaviour of expansive soils stabilized with hydrated lime and bagasse fibres, *Procedia engineering*, 143, 658-665.
- Diana, W., Muntohar, A.S., Rahmawati, A., 2012, Kuat tekan bebas tanah lempung yang distabilisasi dengan limbah karbit dan abu sekam padi, *Proceeding of the Konferensi Nasional Teknik Sipil ke-6*, Universitas Trisakti, Jakarta, 1-2 November 2012, pp. G33-G38
- Eades, J.L., Grim, R.E., 1966, A quick test to determine lime requirements for lime stabilization, *Highway research record* 139, HRB, National Research Council, 1966, pp, 61-72.
- Guney, Y., Sari, D., Cetin, M., Tuncan, M., 2007, Impact of cyclic wetting–drying on swelling behavior of lime-stabilized soil, *Building and Environment*, 42(2), 681-688.
- Hatmoko, J.T., Lulie, Y., 2009, UCS tanah lempung ekspansif yang distabilisasi dengan abu ampas tebu dan kapur, *Jurnal Teknik Sipil*, 8(1), 64-77.
- Jahandari, S., Li, J., Saberian, M., Shahsavarioghari, M., 2017, Experimental study of the effects of geogrids on elasticity modulus, brittleness, strength, and stress-strain behavior of lime stabilized kaolinitic clay, *GeoResJ*, 13, 49-58. doi: 10.1016/j.grj.2017.02.001
- Khasanah, I.M. 2018. Pengaruh Pembasahan dan Pengeringan Terhadap Kuat Tekan Bebas Tanah Lempung Ekspansif Dengan Campuran Kapur - Abu Sekam Padi Dan Serat. Tugas Akhir. Universitas Muhammadiyah Yogyakarta.
- Kumar, A., Walia, B.S., Bajaj, A., 2007, Influence of fly ash, lime, and polyester fibers on compaction and strength properties of expansive soil, *Journal of Materials in Civil Engineering*, 19(3), 242-248.
- Laheza, E.Y. 2017. Pengaruh Siklus Basah - Kering Terhadap Kuat Tekan Bebas Tanah Lempung Yang Diperbaiki Dengan Kapur-Abu Sekam Padi Dan Serat Plastik. Tugas Akhir. Universitas Muhammadiyah Yogyakarta.
- Liu, W., Qu, S., Nie, Z., Zhang, J., 2016, Effects of Density and Moisture Variation on Dynamic Deformation Properties of Compacted Lateritic Soil, *Advances*

in *Materials Science and Engineering*, 2016, 1-11. doi: 10.1155/2016/5951832

- Muhammad, A., Muntohar, A.S., 2007, Uses Of Lime-Rice Husk Ash And Plastic Fibers As Mixtures-Material In High-Plasticity Clayey Subgrade: A Preliminary Study, *Semesta Teknika*, 10(2), 145-154.
- Muntohar, A.S., 2004, Utilization of uncontrolled burnt rice husk ash in soil improvement, *Civil Engineering Dimension*, 4(2), 100-105.
- Muntohar, A.S., 2005a, Geotechnical properties of rice husk ash enhanced lime-stabilized expansive clay, *Media Komunikasi Teknik Sipil*, 13(3), 36-47.
- Muntohar, A.S., 2005b, The influence of molding water content and lime content on the strength of stabilized soil with lime and rice husk ash, *Civil Engineering Dimension*, 7(1), 1-5.
- Muntohar, A.S., Hantoro, G., 2000, Influence of rice husk ash and lime on engineering properties of a clayey subgrade, *Electronic Journal of Geotechnical Engineering*, 5, 1-9.
- Muntohar, A.S., Widiyanti, A., Hartono, E., Diana, W., 2013, Engineering properties of silty soil stabilized with lime and rice husk ash and reinforced with waste plastic fiber, *Journal of Materials in Civil Engineering*, 25(9), 1260-1270.
- Pertiwi, A.G. 2018. Karakteristik Durabilitas Tanah Lempung Dengan Campuran Kapur, Abu sekam Padi, Dan Serat Pada Kondisi Basah Optimum. Tugas Akhir. Universitas Muhammadiyah Yogyakarta.
- Rahman, M., 1987, Effects of cement-rice husk ash mixtures on geotechnical properties of lateritic soils, *Soils and Foundations*, 27(2), 61-65.
- Rahmannejad, M., Toufigh, V., 2018, Influence of Curing Time and Water Content on Unconfined Compressive Strength of Sand Stabilized Using Epoxy Resin, *International Journal of Engineering*, 31(8), 1187-1195. doi: 10.5829/ije.2018.31.08b.05
- Rogers, C.D., Glendinning, S., 2000, Lime requirement for stabilization, *Transportation research record*, 1721(1), 9-18.
- Sarkar, G., Islam, M.R., Alamgir, M., Rokonzaman, M., 2012, Interpretation of rice husk ash on geotechnical properties of cohesive soil, *Global Journal of Research In Engineering*, 12(2), 1-7.
- Sudjianto, A.T., Suryolelono, K.B., Mochtar, I.B., 2011, The effect of variation index plasticity and activity in swelling vertical of expansive soil, *Engineering & Technology IJET-IJENS*, 11(6), 117-123.
- Tang, C., Shi, B., Gao, W., Chen, F., Cai, Y., 2007, Strength and mechanical behavior of short polypropylene fiber reinforced and cement stabilized

clayey soil, *Geotextiles and Geomembranes*, 25(3), 194-202. doi: 10.1016/j.geotexmem.2006.11.002

Wardani, S.P.R., dan Muntohar, A.S. 2018. *Perbaikan Tanah*. Yogyakarta : LP3M UMY.

Yin, C., Zhang, W., Jiang, X., Huang, Z., 2018, Effects of Initial Water Content on Microstructure and Mechanical Properties of Lean Clay Soil Stabilized by Compound Calcium-Based Stabilizer, *Materials (Basel)*, 11(10). doi: 10.3390/ma11101933

Zumrawi, M.M., 2015, Geotechnical aspects for roads on expansive soils, *International Journal of Scientific Research*, 4, 896-902.