

DAFTAR PUSTAKA

- Al-Adhadh, AR, Sakban, HK, Naeem, ZT. (2020). "Effect of Method of Soil Drying On Atterberg Limits and Soil Classification". IOP Conf. Ser.: Mater. Sci. Eng. 739 012044.
- Andriani, A.Yuliet, Rina, Fernandez, Leo, Franky, "*Pengarug Penggunaan Semen Sebagai Bahan Stabilisasi Pada Tanah Lempung Daerah Lambung Bukit Terhadap Nilai CBR Tanah*". Jurnal Rekayasa Sipil Vol 8 No. 1 Februari 2012
- Abdulhussein, S. K, Kassim, K.A., and Nur, H. (2014)."Physicochemical Characterisation Of Cement Treated Kaolin Clay". Journal of the Croatian Association of Civil Engineers, 6 (2014), 513-521.
- Andriansyah, A, Afriani, L, Kusumastuti, DI, Wahono, EP. (2021). "Evaluation of Soil Replacement and Cement Grout Injection in Soil Settlement". Journal of Sustainability Science and Technology, VOL. 1, NO. 2, 72-79.
- Arshad, AK, Shaffie, E, Ismail, F, Hashim, W, Rahman, ZA, Ismail, Y. (2018). "Cement Stabilised Soil Subgrade: Design and Construction". International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 7, pp. 1192–1200.
- Cassiophea, L. (2013). "Analisis Penggunaan Portland Pozzolan Cement (Ppc) dan Kapur Untuk Stabilisasi Tanah Lempung Sebagai Subgrade". Jurnal Pendidikan Teknologi dan Kejuruan BALANGA, Vol. 1, No. 1, Januari-Juni 2013:39-50.
- Chukwuka Ifediniru, C, and Ekeocha, NE. (2022). "Performance of cement-stabilized weak subgrade for highway embankment construction in Southeast Nigeria". Volume 13:1.
- Craig R F 2004 Craig's Soil Mechan. CRC press.
- Chai, J., & Carter, John P. (2011). Deformation Analysis In Soft Ground Improvement. London New York: Springer Dordrecht Heidelberg.
- Das B M, Sobhan K 2013 Principles of geotechnical engineering, Ceng. Learn.
- Darwis. (2017). Dasar-Dasar Teknik Perbaikan Tanah (Issue Agustus). Yogyakarta: Pustaka AQ.
- Eddy, P. (2000). "Stabilisasi Tanah Gambut Menggunakan Gypsum dan Semen Portland," Gadjah Mada, 2000.
- Ekeocha NE, and Akpokodje EG, (2014)."Cement stabilization characteristics of shale subgrade of parts of the Lower Benue Trough, Southeastern Nigeria. Int J Sci Technol 3(1):78–84.
- Euro SoilStab (2002) Development of design and construction methods to stabilize soft organic soils: design guide soft soil stabilisation. European Commission, Industrial and Materials technologies Programme, Bryssel.

Etim RK, Ebermu AO, Osinubi KJ (2017), "Stabilization of black cotton soil with lime and iron ore tailings admixture". *Transport Geotech* 10:85–95.

Fauzi, A., Nazmi,W.M and Fauzi,U.J.(2010). "Subgrade Stabilisation of Kuantan Clay Using Fly Ash And Bottom Ash". Proceedings of the 8th International Conference on Geotechnical and Transportation Engineering (Geotropika 2010), Kota Kinabalu, Malaysia.

Gallaway BM(1997)."Expanded Shale, Clay, and Slate Reference Manual for Asphalt Pavement Systems", ESCSI: Publication No. 5510.

Haigh SK. Mechanics of the Casagrande liquid limit test. *Canadian Geotechnical Journal* 2012;49(9):1015e23.

Hakam, A, Yuliet, Rina, & Donal, Rahmat. (2010). "*Studi Pengaruh Penambahan Tanah Lempung Pada Tanah Pasir Pantai Terhadap Kekuatan Geser Tanah*". *Jurnal Rekayasa Sipil* Vol. 6 No. 1 Pebruari 2010.

Hakam, A, Yuliet, Rina, & Getby, Febrian. (2010). "*Uji Potensi mengembang pada Tanah Lempung dengan Metoda Free Swelling Test*". *Jurnal Rekayasa Sipil* Vol. 7 No. 1 Pebruari 2011

Haigh S K, Vardanega P J, Bolton M D 2013 The plastic limit of clays, *Geotech.* 63(6) 435.

Harianto, T., Du, Y., Hayashi, S., Suetsugu,D. and Nanri, Y. (2008). Geotechnical properties of soil-fibre mixture as a landfill cover barrier material. *J. Southeast Asian Geo. Society*, 39(3), 137-143.

Haigh S K 2012 Mechanics of the Casagrande liquid limit test, *Canadian. Geotech. J.* 49(9) 1015-23.

Harianto T, Sitepu, F, and Jasruddin. (2019). "Strength Improvement of Cement Stabilized Soil by Binder Mineral Additive". Lowland Technology International date; Volume 21 (Issue 2): 90-97 International Association of Lowland Technology (IALT): ISSN 1344-9656.

Ingles OG, Metcalf JB (1972) Soil stabilization principles and practice. Butterworths, Australia.

Jannah, Kholidatur Rosidatul, Alihudien, Arief, & Suhartinah. (2014). "*Studi Alternatif Konstruksi Jalan Menggunakan Konstruksi Timbunan Dengan Tanah Dasar Diperbaiki Menggunakan Kombinasi Preloading Dan Prefabricated Vertical Drain*".

Jusi, Ulfa, Maizir, Harnedi, & Octa, S.R. (2019). "*Pengaruh Kombinasi Semen dan Kapur Tohor terhadap Sifat Fisik Tanah Lanau untuk Perbaikan Lapisan Pondasi Atas Kelas A*". Konferensi Nasional Teknik Sipil (KoNTekS) - 13 Sekolah Tinggi Teknologi, Pekanbaru.

Kusuma, R. I. Eden, M. & Rahman, T. "*Stabilisasi Tanah Menggunakan Fly Ash dan Pengaruhnya Terhadap Nilai Kuat Tekan Bebas*" *Jurnal Teknik Sipil Universitas Anggeng Tirtayasa* Vol 5 No.1 2016.

- Khattak, M. J. and Alrashidi, M. (2006). Durability and mechanistic characteristics of fiber reinforced soilcement mixtures. *Int. J. Pavement Eng.*, 7(1), 53-62.
- Kamaruzzaman, A.H.M., Chew, S.H. and Lee, F.H. (2001). "Behaviour of Soft Singapore Marine Clay Treated with Cement". ASCE Geotech Special Publication No. 113, pp.472-485, 2001.
- Leroueil S, Le Bihan J P 1996 Liquid limits and fall cones, Canadian. *Geotech. J.* 33(5) 793-98.
- Liu, C. and Starcher, R. D. (2013). Effects of curing conditions on unconfined compressive strength of cement and cement-fiber-improved soft soil. *J. Mater. Civ. Eng.*, 25(8), 10.1061/(ASCE)MT.1943-5533.0000575, 1134-1141.
- Muchlisin, T., & Roestaman. (2019). Embankment Stability Analysis with Woven Geotextile. *Technological College Construction Journal*, 17(1), 9–17.
- Mengue, E., Mroueh, H., Lancelot, L. and Eko, R. M. (2017). Mechanical improvement of a fine-grained lateritic soil treated with cement or use in road construction. *J. Mater. Civ. Eng.*, 29(11), 10.1061 /(ASCE)MT. 1943-5533.0002059, 040172061-22.
- Makusa GP (2012) State of the art review-soil stabilization methods and materials in engineering practice. Department of Civil, Environmental and Natural Resources Engineering, University of Technology Luleå, Luleå.
- Makusa GP (2012) State of the art review-soil stabilization methods and materials in engineering practice. Department of Civil, Environmental and Natural Resources Engineering, University of Technology Luleå, Luleå.
- Mitchell JM, Jardine FM (2002) A guide to ground treatment. Construction Industry Research and Information Association (CIRIA), London.
- MacLaren DC, White MA (2003) Cement: its chemistry and properties. *J Chem Educ* 8(6):623.
- Omotosho O, Eze-Uzomaka OJ (2008). "Optimal stabilization of deltaic laterite". *J S Afr Inst Civil Eng* 50:10–17.
- Ofudu O, Tse AC, Akpokodje E (2016). "Stabilization of dredged spoils for pavement construction in the Niger Delta, Nigeria". *Glob J Geol Sci* 14:87.
- Onyelowe KC, Okoafor FO (2012) Geochemistry of soil stabilization. *Asian Res Publ Netw J Earth Sci* 1:32–35.
- Odell R T, Thornburn T H, McKenzie L J. (1960). "Relationships of Atterberg Limits to Some Other Properties of Illinois Soils 1", *Soil Sci. Soci. America J.* 24(4) 297-300.
- Ömür Çimen, Mehmet Sultan* and S. Nilay Keskin. (2015). "Stabilization Of Clay Subgrade With Waste Pumice For Road Infrastructure". *Sci Eng Compos Mater* 2015; 22(5): 583–590.

Putri, EE, Rao Kameswara, N.S.V, & Mannan, M.A. (2012). "Evaluation of Modulus of Elasticity and Modulus of Subgrade Reaction of Soils Using CBR Test". Journal of Civil Engineering Research 2012, From Published online at <http://journal.sapub.org/jce>.

Putri, EE, Yuliet, Rina, Harris, Lusia Elfina, & Makinda, Jodin. (2020). "Stabilization Of Rimbo Panjang Peat Soil Using Lightweight Materials Mixed With Cement As Subgrade For Road Pavement". International Journal of GEOMATE, Feb., 2020, Vol.18.

Prakoso, Agung, Mukhlisin, Muhammad, Rahardjo, Pentardi, & Junaidi. (2019). "Analisis penurunan timbunan tanah silt pada proyek jalan ruas giriwoyo-duwet wonogiri". Wahana Teknik Sipil Vol. 24 No. 2 Desember 2019 153 - 165

Putri, E.E. Gungat, Lillian, & Makinda, Jodin. (2013). "Effects of Oil Palm Shell and Curing Time to the Load-Bearing Capacity of Clay Subgrade. The 2nd International Conference on Rehabilitation and Maintenance in Civil Engineering", Procedia Engineering 54 (2013) 690 – 697.

Puppala AJ, Mohammad LN, Allen A. (1999)."ASCE J of Mater. Civ. Eng.,Vol. 11, 274–282.

Pandey. A dan Rabbani. A. (2017). Stabilization of Pavement Subgrade Soil Using Lime and Cement: Review. International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04.

Provis, J., and Deventer, J. V. (2014). Alkali activated materials: State of the art report. RILEM TC 224-AAM, Springer, Netherlands.

Sherwood PT (1995) Soil stabilization with cement and lime: state of the art review. Transport Research Laboratory, London, p 153.

Sherwood, P. (1993). "Soil Stabilisation with Cement and Lime: State of the Art Review". Transport Research Laboratory, London, 1993.

Saing, Z. Samang, L. Harianto, T. & Patanduk J. "Karakteristik Kuat Tekan Ferro Laterit Dengan Pemeraman Sebagai Lapisan Pondasi Jalan" Konferensi Nasional Sipil 10 Universitas Atma Jaya Yogyakarta 26-27 Oktober 2016.

Sugianto, Agus,. Hendryani, Irna,. & Rahmat, Gunaedy Utomo. (2022). "Analisis Stabilisasi Tanah Lempung Lunak Menggunakan Material Semen Sebagai bahan Campuran". Jurnal Transkusuma, 4(2), 114-123.

Sridharan A, Rao S M, Murthy N S 1986 Liquid limit of montmorillonite soils, Geotech. Test. J. 9(3) 156-9.

STM D 2010 D4318-10 Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

Sofwan, dan Nurdin, S. (2020). "Bearing Capacity Improvement of Expansive Soil: Stabilization with Cement and Iron Oxide Additive". MATEC Web of Conferences 331, 02005.

Soedarmo, G.D. dan Purnomo, S.J.E. (1997). "Mekanika Tanah 2". Penerbit Kanisius Jogjakarta.

Tang, C., Shi, B., Gao, W., Chen, F. and Cai, Y. (2007). Strength and mechanical behaviour of short polypropylene fiber reinforced and cement stabilized clayey soil. Geotextile and Geomembrane, 25, 194-202.

Uddin, K., Balasubramaniam, A.S. and Bergado, D. T. (1997). "Engineering Behaviour of CementTreated Bangkok Soft Clay", Journal of Geotech Eng., 2891, pp. 89-119.

Wojciech SAS dan Gluchowsk.A. (2013). "Effects of Stabilization with Cement on Mechanical Properties of Cohesive Soil - Sandy - Silty Clay". Annals of Warsaw University of Life Sciences – SGGW. Soil Reclamation No 45 (2), 2013: 193–205 (Ann. Warsaw Univ. of Life Sci. – SGGW, Soil Reclam. 45 (2)).

Yuwono, B. D. (2013). Correlation between Land Subsidence and Groundwater Level Subsidence in Semarang. Geodetic Engineering Department, Faculty of Engineering Diponegoro Univesity. Semarang.