

- Assidqi, M.F., Prameswara, M.F., 2021. Analisa Perbaikan Tanah Lunak Dengan Metode Kolom Grout Modular Pada Jalan Akses Pick Up Zone Bandara Jenderal Ahmad Yani Semarang. Universitas Islam Sultan Agung, Semarang.
- Bowles, Joseph.E., 1984. Analisis dan Desain Pondasi Jilid 1. Erlangga, Jakarta.
- Bowles, Joseph.E., 1979. Physical and Geotechnical Properties of Soils. McGraw-Hill, Inc, USA.
- Budhu, M., 1962. Soil Mechanics and Foundation, Third. ed. John Wiley & Sons, Inc, USA.
- Chen, F.H., 1975. Foundations on Expansive Soils Development in Geotechnical Engineering 12, First. ed. Elsevier Scientific Publishing Company, Amsterdam.
- Cheng, W.-C., 2018. Clay Grouting Mechanisms and Applications, dalam: Current Topics in the Utilization of Clay in Industrial and Medical Applications. InTech. <https://doi.org/10.5772/intechopen.74091>
- Coastal Development Institute of Technology, 2002. The Deep Mixing Method: Principle, Design, and Construction. Lisse : Balkema.
- Committee CE-032, 2002. Reinforced Soils and Retaining Structures. Australian Standards for Retaining Walls (AS 4678).
- Das, B.M., 2010. Principles of Geotechnical Engineering, 7th ed. Cengage Learning, Stamford.
- Das, B.M., 1995. Mekanika Tanah: Prinsip - Prinsip Rekayasa Geoteknik Jilid 1. Erlangga, Jakarta.
- Departemen Pekerjaan Umum, 1981. Peraturan Pembebanan Indonesia Untuk Gedung. Bandung.
- Dhani, N., 2013. Karakteristik Kolom Pasir Grouting Sebagai Metode Perkuatan Tanah Lempung Kepasiran. Universitas Hasanuddin, Makassar.
- Direktorat Jenderal Bina Marga, 2002. Pedoman Perencanaan Tebal Perkerasan Lentur Pt T-01-2002-B. Kementerian Pekerjaan Umum.
- Dirjen Bina Marga, 2017. Manual Desain Perkerasan Jalan (Revisi 2017). Kementerian PUPR, Jakarta.
- Dirjen Bina Marga, 2016. Kelas Jalan, Muatan Sumbu Terberat, dan Permasalahan Beban Lebih Kendaraan. Kementerian PUPR, Jakarta.
- Dwiyanto, et. al, 2009. Penanggulangan Tanah Longsor Dengan Metode Grouting. Laporan Hibah Penelitian Strategi Nasional, Program Studi Teknik Geologi, Fakultas Teknik, Universitas Diponegoro, Semarang.



- Fan, J., Wang, D., Qian, D., 2018. Soil-cement mixture properties and design considerations for reinforced excavation. *Journal of Rock Mechanics and Geotechnical Engineering* 10, 791–797. <https://doi.org/10.1016/j.jrmge.2018.03.004>
- Gere, J.M., Timoshenko, S.P., 2000. *Mekanika Bahan Edisi Keempat Jilid 1*. Erlangga, Jakarta.
- Hardiyatmo, H.C., 2002. *Mekanika Tanah I*. Gadjah Mada University Press, Yogyakarta.
- Hatanaka, M., Uchida, A., 1996. Empirical Correlation Between Penetration Resistance and Internal Friction Angle of Sandy Soils. *Soils and Foundations* 36, 1–9. https://doi.org/10.3208/sandf.36.4_1
- Indrawati, E., 2022. Pengaruh Perkuatan Grouting Terhadap Beban Maksimum Yang Dapat Diterima Tanah Dasar Pada Ruas Jalan Lamongan - Gresik. *Jurnal Manajemen Aset Infrastruktur & Fasilitas*. Institut Teknologi Sepuluh Nopember, Surabaya.
- Jumikis, A.R., 1962. *Soil Mechanics*. D. Van Nostrand Co., Princeton, NJ.
- Jusi, U., Yasri, D., Gabriel, G., 2018. Pengaruh Penambahan Semen Sebagai Bahan Stabilisasi Tanah Terhadap Kecepatan Permeabilitas Pada Tanah Pasir Kelempungan. *Indonesian Journal of Construction Engineering and Sustainable Development (CESD)* 1.
- Lambe, T.W., Whitman, R. V, 1979. *Soil Mechanics*. John Wiley & Sons, New York.
- Nelson, Miller, 1992. *Expansive Soils: Problems and Practice in Foundation and Pavement Engineering*. John Wiley and Sons Inc., New York.
- Pangesti, D.R., 2005. *Pedoman Grouting untuk Bendungan*. Direktorat Sungai, Danau, dan Waduk Direktorat Jenderal Sumber Daya Air Kementerian Pekerjaan Umum dan Perumahan Rakyat, Jakarta.
- Pedoman Konstruksi dan Bangunan, 2005. Perencanaan Tebal Lapis Tambah Perkerasan Lentur dengan Metode Lendutan PdT-05-2005-B.*
- PPK 4.5 Provinsi Jawa Timur, 2020. *Informasi Paket Penanganan Ruas Jalan Tuban-Babat-Lamongan-Gresik Tahun Anggaran 2020*. Lamongan.
- Raman, V., 1967. Identification of Expansive Soils from Plasticity Index and Shrinkage Index Data. *The Indian Engineer*, Calcuta.
- Ringen PE, A., 2016. *Compaction and Jet Grouting. Breakthroughs in Tunneling University of Colorado, USA.*
- Seed, H., Woodward, L., 1962. Prediction of Swelling Potential for Compacted Clay. *Journal of the Soil Mechanics and Foundation Division*.
- Skempton, A.W., 1953. The Colloid Activity of Clays. *Proceedings of the 3rd International Conference of Soil Mechanics and Foundation Engineering I*, 57–61.



SNI 6882:2014, 2014. Spesifikasi Mortar Untuk Pekerjaan Unit Pasangan.

SNI 8460:2017, 2017. Persyaratan Perancangan Geoteknik.

Sukirman Silvia, 1999. Perkerasan Lentur Jalan Raya. Penerbit Nova, Bandung.

Suwarno, Wicaksono, L.A., 2021. Sistem Perbaikan Tanah Deep Cement Mixing Di Lokasi Stock Yard Stasiun Kereta Api Garongkong Kabupaten Barru, Sulawesi Selatan, dalam: Inovasi Teknologi dan Material Terbaru Menuju Infrastruktur Yang Aman Terhadap Bencana dan Ramah Lingkungan. CEEDRiMS, Jawa Timur.

Szechy, K., Varga, L., 1978. Foundation Engineering: Soil Exploration and Spread Foundations. Budapest : Akadémiai Kiadó, English.

Terzaghi, K., Peck, R.B., 1948. Soil Mechanics in Engineering Practice. John Wiley & Sons Inc., Canada.

Toyeb, M., Puri, A., Masrizal, 2017. Perilaku Kuat Geser Tanah Terstabilisasi Semen Untuk Subgrade Jalan. Prosiding Konferensi Nasional Teknik Sipil dan Perencanaan (KN-TSP) 2017.

Warner, J., 2004. Practical Handbook of Grouting: Soil, Rock, and Structures. John Wiley & Sons, Inc, New Jersey.

Wesley, L.D., 1977. Soil Mechanics. Badan Penerbit Pekerjaan Umum, Jakarta.

Yoder, E.J., Witczak, M.W., 1975. Principles of Pavement Design. John Wiley & Sons, Inc, New York.

Yu, J., Mao, Z., Zhou, J., Yu, Z., Liu, X., Gong, X., 2023. Experimental Study on Engineering Properties of Cemented Soil with High Water Content. Applied Sciences 13, 937. <https://doi.org/10.3390/app13020937>

Yu, Y., Pu, J., Ugai, K., Hara, T., 1999. A Study on the Permeability of Soil-Cement Mixture. Soils and Foundations 39, 145–149. https://doi.org/10.3208/sandf.39.5_145