

DAFTAR PUSTAKA

- American Standard Testing and Material. (2012). ASTM D5778 - 12. Standard Test Method for Electronic Friction Cone and Piezocone Penetration Testing of Soils. *ASTM International*, 1(October), 5–7. <https://doi.org/10.1520/D5778-12.agreed>
- Andini, M., & Yunanda, R. (2014). Analisa Perubahan Karakteristik Fisik, Mekanik dan Dinamik Terhadap Siklus Pengeringan Pembasahan Pada Tanah Asli dan Tanah yang di Stabilisasi Menggunakan Kapur dan Fly Ash di Desa Sumber Aji Kota Batu - Malang. *Fakultas Teknik Sipil dan Perencanaan Institut Teknologi Sepuluh Nopember*. https://repository.its.ac.id/63998/1/3112105039-3112105040-Undergraduate_Thesis.pdf
- Apriyono, A., Yanto, Santoso, P. B., & Sumiyanto. (2018). Soil classification based on cone penetration test (CPT) data in Western Central Java. *AIP Conference Proceedings*, 1941(March 2017). <https://doi.org/10.1063/1.5028062>
- Apriyono, A., Yanto, Santoso, P. B., & Sumiyanto. (2023). Soil Classification Based on Cone Penetration Test (CPT) Data in Western Central Java. *AIP Conference Proceedings*, 2598(April 2019). <https://doi.org/10.1063/5.0132932>
- Asnur, H., & Fardela, R. (2022). Soil Investigation Berdasarkan Uji Sondir Di Kecamatan Harau Kabupaten Lima Puluh Kota. *Rang Teknik Journal*, 5(1), 69–76. <https://doi.org/10.31869/rtj.v5i1.2735>
- Azhar, P. A., Pratama, M. A., & Fitriani, R. (2024). Prediksi Harga Mobil Audi Bekas Menggunakan Model Regresi Linear dengan Framework Streamlit. *Journal of Technology and Informatics (JoTI)*, 6(1), 22–28. <https://doi.org/10.37802/joti.v6i1.763>
- Badan Standardisasi Nasional. (2008). SNI 2827 : 2008. Cara uji Penetrasi Lapangan dengan Alat Sondir. *Sni*, 1–23.

- Baziw, E. (2023). Technique for Estimating the Cone Bearing Smoothing Parameters. *International Journal of Geosciences*, 14(07), 603–618. <https://doi.org/10.4236/ijg.2023.147032>
- Bol, E. (2013). The influence of pore pressure gradients in soil classification during piezocone penetration test. *Engineering Geology*, 157, 69–78. <https://doi.org/10.1016/j.enggeo.2013.01.016>
- Bosch, D. R., & Sotelo, R. R. (2015). Determination of Stratigraphy—Soil Types—Using Cone Penetration Test in Sedimentary Deposits in North-East of Argentina. *Journal of Geoscience and Environment Protection*, 03(06), 134–139. <https://doi.org/10.4236/gep.2015.36019>
- Buwono, H. K., Setiawan, A., Puspitaningrum, D., & Prasetyo, H. E. (2025). Koding QB64 dan python sebagai bahasa komunikasi teknik sipil dalam memahami alur pikir. *Konstruksia*, 16(2), 146–156.
- Cerrato, M. D. (2025). *ML Playgorund : Data Modification / Preprocessing Anda Model Simulation Tool* (hal. 43). <https://scholarworks.lib.csusb.edu/etd/2131/>
- Cheshomi, A. (2018). Empirical relationships of CPTu results and undrained shear strength. *Journal of GeoEngineering*, 13(2), 49–57. [https://doi.org/10.6310/jog.201806_13\(2\).1](https://doi.org/10.6310/jog.201806_13(2).1)
- Eslami, A., & Fellenius, B. H. (2004). *CPT and CPTu Data for Soil Profile Interpretation : Review of Methods and A Proposed New Approach*. 6(2), 125–131.
- Fahriana, N., Ismida, Y., Lydia, E. N., & Ariesta, H. (2019). Analisis Klasifikasi Tanah Dengan Metode Uscs (Meurandeh Kota Langsa). *Jurnal Ilmiah Jurutera*, 6(2), 005–013. <https://ejurnalunsam.id/index.php/jurutera/article/view/1622/1284>
- Fellenius, B. H., & Eslami, A. (2000). Soil Profile Interpreted from CPTu Data. “Year 2000 Geotechnics” *Geotechnical Engineering Conference, Asian Institute of Technology, Bangkok, Thailand, November 27 - 30, 2000*, 18.

- Hewage, N., & Meedeniya, D. (2022). *Machine Learning Operations: A Survey on MLOps Tool Support*. *ML*, 1–12. <https://doi.org/10.48550/arXiv.2202.10169>
- Hossain, I. (2018). *Evaluation of Undrained Shear Strength and Soil Classification from Cone Penetration Test*. *March*. <https://www.researchgate.net/publication/327345230>
- Hutagalung, P. L., Sitohang, A., Silitonga, B., Teknik, A., & Serdang, D. (2024). *Penyelidikan struktur lapisan tanah rumah kost dengan menggunakan sondir test*. 5(2), 47–55.
- Jefferies, M., & Been, K. (2016). *Soil Liquefaction. A critical state approach* (W. Powrie (ed.); Second Edi). CRC Press.
- Jefferies, M. G., & Davies, M. P. (1993). *Use of CPTu to Estimate Equivalent SPT N60*. 16, 11. <https://asmedigitalcollection.asme.org/geotechnicaltesting/article-abstract/16/4/458/1175664/Use-of-CPTu-to-Estimate-Equivalent-SPT-N60?redirectedFrom=fulltext>
- Khaled, O. El, Spyropoulos, E., & Alnaim, A. (2021). Validation of Correlation Factor between Es and Qc Using Load Tests. *World Congress on Civil, Structural, and Environmental Engineering, October*. <https://doi.org/10.11159/icgre21.lx.102>
- Kurniawan, B., & Romzi, M. (2022). Pembuatan dan Pelatihan Administrator Website pada Dinas Kesehatan Kabupaten Ogan Komering Ulu. *Jurnal Pengabdian Masyarakat (abdira)*, 2(3), 253–258. <https://doi.org/10.31004/abdira.v2i3.202>
- Leuwol, C., Latar, S., & Talakua, E. (2024). *Analisis CBR Subgrade Ruas Jalan Waisarisa – Piru Kabupaten Seram Bagian Barat*. 1(7), 820–832.
- Manalu, D. A., & Gunadi, G. (2022). Implementasi Metode Data Mining K-Means Clustering Terhadap Data Pembayaran Transaksi Menggunakan Bahasa Pemrograman Python pada CV Digital Dimensi. In *INFOTECH: JOURNAL*

OF TECHNOLOGY INFORMATION (Vol. 8, Nomor 1, hal. 175–305).
<https://doi.org/10.1201/b23421-3>

Massarsch, K. R., Fellenius, B. H., & Asce, M. (2019). *Evaluation of Vibratory Compaction by In Situ Tests*. 145(12), 1–14.
[https://doi.org/10.1061/\(ASCE\)GT.1943-5606.0002166](https://doi.org/10.1061/(ASCE)GT.1943-5606.0002166)

Muhsin, D., & Shakir, R. R. (2023). Evaluation of Soil Classification Methods Based on CPT Data for Soil in Nasiriyah, Iraq. *AIP Conference Proceedings*, 2830(1). <https://doi.org/10.1063/5.0157813>

Muntohar, A. S., Diana, W., Widiyanti, A., & Hartono, E. (2022). *Modul Praktikum Penyelidikan Geoteknik*.

Nurmaidah, & Suranto. (2022). Uji Pemadatan Standar Dan Uji Pemadatan Modified Terhadap Tanah Yang Dicampur Kapur Standard Compaction Test And Modified Compaction Test Against Lime-Mixed Soil. *Jcebt*, 6(1), 50–60.
<http://ojs.uma.ac.id/index.php/jcebt>

Osman, M. A., & Ahmed, E. F. O. (2016). Evaluation of Cone Penetration Test (Cpt) Classification. *Building and Road Research Journal*, 5.1(August 2003), 37–46.

Ouyang, Z., & Mayne, P. W. (2018). Effective friction angle of clays and silts from piezocone penetration tests. *Canadian Geotechnical Journal*, 55(9), 1230–1247. <https://doi.org/10.1139/cgj-2017-0451>

Phoon, K. K., Ching, J., & Shuku, T. (2022). Challenges in data-driven site characterization. *Georisk*, 16(1), 114–126.
<https://doi.org/10.1080/17499518.2021.1896005>

Pondasi, A. P. (2024). *Penentuan Soil Behavior Type (SBT) dan Konsistensi Tanah Hasil Uji Cone Penetrometer Test (CPT) di Masjid At Tanwir ITERA Sebagai Langkah*. 10(1), 1–5.

Presti, D. Lo, & Meisina, C. (2009). Use of cone penetration tests for soil profiling. *Rivista Italiana Di Geotecnica*, 9–33, 1–68.

- Presti, D. Lo, Squeglia, N., Meisina, C., & Visconti, L. (2010). Use of CPT and CPTu for soil profiling of “intermediate” soils: a new approach. *2nd International Symposium on Cone Penetration Testing*, 2(May), 8.
- Robertson, P. K. (1990). Soil classification using the cone penetration test. *Canadian Geotechnical Journal*, 27(1), 151–158. <https://doi.org/10.1139/t90-014>
- Robertson, P. K. (2009). Interpretation of cone penetration tests - A unified approach. *Canadian Geotechnical Journal*, 46(11), 1337–1355. <https://doi.org/10.1139/T09-065>
- Robertson, P. K. (2016). Cone Penetration Test (CPT)-based Soil Behaviour Type (SBT) Classification System — An Update. *Canadian Geotechnical Journal*, 53(12), 1910–1927. <https://doi.org/10.1139/cgj-2016-0044>
- Robertson, P. K., & Campanella, R. G. (1983a). *Interpretation of cone penetration tests. Part 11: Clay*. 1972.
- Robertson, P. K., & Campanella, R. G. (1983b). Interpretation of cone penetration tests. Part II: clay. *Canadian Geotechnical Journal*, 20(4), 734–745. <https://doi.org/10.1139/t83-079>
- Santoso, J. T. (2022). *Dr. Joseph Teguh Santoso, S.Kom, M.Kom* (M. Sholikan (ed.)). Yayasan Prima Agus Teknik Bekerja sama dengan Universitas Sains & Teknologi Komputer (Universitas STEKOM).
- Shahri, A. A., Malehmir, A., & Juhlin, C. (2015). Soil classification analysis based on piezocone penetration test data - A case study from a quick-clay landslide site in southwestern Sweden. *Engineering Geology*, 189, 32–47. <https://doi.org/10.1016/j.enggeo.2015.01.022>
- Sianturi, P. B. (2023). *Pengembangan Aplikasi Penerjemah Bahasa Lampung Berbasis Web Menggunakan Framework Streamlit* (Vol. 13, Nomor 1).
- Sosrodarsono, S., & Nakazawa, K. (2000). *Mekanika Tanah dan Teknik Fondasi* (S. Sosrodarsono & K. Nakazawa (ed.)). Pradnya Paramita.

- Souza, J. M. S., Danziger, B. R., & Danziger, F. A. B. (2012). The influence of the relative density of sands in SPT and CPT correlations. *Soils and Rocks*, 35(1), 99–113. <https://doi.org/10.28927/sr.351099>
- Sugianto, A., Hendriyani, I., Utomo, G., & Rahmat, R. (2022). Analisis Stabilisasi Tanah Lempung Lunak Menggunakan Material Semen Sebagai Bahan Campuran. *Jurnal Ilmiah Teknik Sipil TRANSUKMA*, 4(2), 114–123. <https://doi.org/10.36277/transukma.v4i2.135>
- Syahrudin, A. N., & Kurniawan, T. (2018). Input dan Output pada Bahasa Pemrograman Python. *Jurnal Dasar Pemrograman Python STMIK*, June 2018, 1–7. <https://www.researchgate.net/publication/338385483>
- Syarif, M. N., Pambudiyatmo, N., & Utomo, W. (2023). Rancangan Sistem Presensi Dan Rekapitulasi Jurnal Kegiatan Ojt Menggunakan Visual Studio Code Berbasis Web Di Airnav Cabang Matsc. *PROSIDING Seminar Nasional Inovasi Teknologi Penerbangan (SNITP) Tahun, 2023*.
- Ua, A. S., Lestriani H, D., Kristanty Sonia, E., Ong, J., Savinka, M., Nurhaliza, P., & Ningsih Yulia, R. (2023). Penggunaan Bahasa Pemrograman Python Dalam Analisis Faktor Penyebab Kanker Paru-Paru. *Jurnal Publikasi Teknik Informatika*, 2(2), 88–99. <https://doi.org/10.55606/jupti.v2i2.1742>
- Wahyudi, H. D., & Mutia, D. (2018). Interpretasi Hasil Uji Penetrasi Kerucut Statis (Cone Penetration Test/CPT/Sondir) di Kawasan Bandar Udara Fatmawati Soekarno, Bengkulu. *Agregat*, 3(2), 229–234. <https://doi.org/10.30651/ag.v3i2.2272>
- Wang, H. (2022). *Bayesian Unsupervised Soil Interpretation for Offshore Site Characterization*. October.