

DAFTAR PUSTAKA

- Afrizal, M. R. (2023). Perencanaan Daya Dukung Tanah dengan Menggunakan Data Sondir pada Pembuatan Trase Baru Lintas Labuhan Belawan (Doctoral dissertation, Universitas Medan Area).
- ASTM D 6431–18. (2018). Standard guide for using the direct current resistivity method for subsurface investigation. ASTM International: West Conshohocken, PA.
- ASTM G 57–20. (2020). Standard test method for field measurement of soil resistivity using the Wenner four-electrode method. ASTM International: West Conshohocken, PA.
- ASTM G187-12a. (2013). Standard Test Method for Measurement of Soil Resistivity Using the Two Electrode Soil Box Method. ASTM International: West Conshohocken, PA.
- Bachri, S. (2014). Kontrol Tektonik dan Struktur Geologi terhadap Keterdapatan Hidrokarbon di Daerah Papua. *Jurnal Geologi dan Sumber Daya Mineral*, 15(3), 133–141.
- Badan Informasi Geospasial. (2016). Atlas Overview Sumberdaya dan Lingkungan Papua dan Papua Barat. Penerbit Badan Informasi Geospasial : Bogor, Jawa Barat.
- Badan Standarisasi Nasional. (2008). SNI 2827:2008 Cara uji penetrasi lapangan dengan alat sondir.
- Badan Standarisasi Nasional. (2008). SNI 4153:2008 Cara uji penetrasi lapangan dengan SPT.
- Badan Standarisasi Nasional. (2017). SNI 8460:2017 Persyaratan perancangan geoteknik.
- Bisri, M. 1991. Aliran Air Tanah. Fakultas Teknik Universitas Brawijaya, Malang
- Bowles, J. E. (1998). Analisis dan desain pondasi. Jilid 1, Edisi ke-4, Silaban, P., Penerbit Erlangga, Jakarta.
- Bradford, S. (2000). Practical handbook of corrosion control in soils: Pipelines, tanks, casings, cables. CASTI Publishing Inc, 10566-114 Street, Edmonton, Alberta, T 5 H 3 J 7, 2000. Illustrated.
- Chin, W. W. (1998). The partial least squares approach to structural equation modeling. *Modern methods for business research*, 295(2), 295-336.
- Darman, H., & Sidi, F. H. (Eds.). (2000). An Outline of the Geology of Indonesia. Indonesian Association of Geologists.
- Das, B. M. (1990) Principles of Foundation Engineering. PWS-KENT Publishing Company, Boston.

- Direktorat Jenderal Bina Marga Kementerian Pekerjaan Umum dan Perumahan Rakyat RI. (2016). Petunjuk Teknis Pengujian Tanah. Direktorat Jenderal Bina Marga, Jakarta.
- Ekine, A., & Emujakporue, G. (2010), "Investigation of corrosion of buried oil pipeline by the electrical geophysical methods", *Journal of Applied Sciences and Environmental Management*, 14(1).
- Elarabi, H., & Elkhawad, T. (2014), "Evaluation of Subsoil Corrosivity Condition around Baracaia Area using the Electrical Resistivity Method, A Case Study from the Muglad Basin, Southwestern Sudan", *Journal of Earth Science and Engineering*, 4(5).
- Guma, T. N., Mohammed, S. U., & Tanimu, A. J. (2015). A field survey of soil corrosivity level of Kaduna metropolitan area through electrical resistivity method. *International journal of scientific engineering and research*, 3, 12.
- Hakam, Abdul .(2008). *Rekayasa Pondasi*. CV Bintang Grafika: Padang.
- Halawa, A., & Tanjung, H. K. (2022). Survey Zona Lapuk Menggunakan Metode Geolistrik Resistivitas Pada Kilometer 37 Medan Berastagi. *Jurnal Sains dan Teknologi ISTP*, 17(2), 118-129.
- Hall, R. (1997). Cenozoic plate tectonic reconstructions of SE Asia. In A. J. Fraser, S. J. Matthews, & R. W. Murphy (Eds.), *Petroleum Geology of SE Asia* (Vol. 126, pp. 11–23). Geological Society of London Special Publication.
- Hardiyatmo, C. H. (2019). *Mekanika Tanah 1*. Gadjah Mada University Press.
- Keller G.V. and Frischknecht F.C., (1996), *Electrical methods in geophysical prospecting*. Pergamon Press Inc., Oxford
- Loke, M. H. (2004). Tutorial: 2-D and 3-D electrical imaging surveys.
- Lowrie, W. (2007). *Fundamentals of Geophysics* (2nd ed.). United States of America by Cambridge University Press.
- Ojo, O. A., Oladimeji, R. G., Alabi, R. O., Ejiwale, I. R., Babafemi, E. O., Akinyele, F. O., & Faleye, E. T. (2024). Geoelectrical and geotechnical based-assessment of sub-surface soil electrical earthening property and corrosive vulnerability along Coker Village Road, Osogbo, Nigeria. *Researchers Journal of Science and Technology*, 4(4), 1-21.
- Putra, M. S. G. P., Salleh, S. N., & Anggraini, N. (2024). Correlation of CPT, SPT, and ERT data for a better understanding of soils condition: A case study in SPG Merbau, South Sumatra. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1416, No. 1, p. 012008). IOP Publishing.
- Putra, R., Muhammad, M., Rahman, A., Hafli, T., & Islami, N. (2023). Analisa Resistivitas Tanah Terhadap Prediksi Korosi Pada Pipa Distribusi Air Bersih Di Kampus Unimal Bukit Indah. *Malikussaleh Journal of Mechanical Science and Technology*, 6(1), 32-36.

- Rahim, A. (2024). Korelasi Daya Dukung Tanah Menggunakan Sondir Terhadap Data Handbor Pada Soil Investigation Distrik Wania Kabupaten Mimika. *Jurnal Teknik AMATA*, 5(1), 6-11.
- Reynolds, J. M. (2011). *An introduction to applied and environmental geophysics*. John Wiley & Sons.
- Rizka., Satiawan, S. (2019). Investigasi Lapisan Akuifer Berdasarkan Data Vertical Electrical Sounding (VES) dan Data Electrical Logging; Studi Kasus Kampus Itera. *Bulletin of Scientific Contribution: GEOLOGY*, 17(2), 91-100.
- Robertson, P.K. (2010). Soil behaviour type from the CPT: an update. 2nd International Symposium on Cone Penetration Testing, CPT'10, Huntington Beach, CA, USA.
- Robertson, P.K., & Cabal, K.L. (2015). *Guide to Cone Penetration Testing for Geotechnical Engineering*. Gregg Drilling & Testing, Inc
- Santoso, A. (2015). Pengaruh Variasi Resistivitas Dan Kadar Air Tanah Terhadap Arus Proteksi Sistem Impressed Current Cathodic Protection (ICCP) Pada Pipa Api 5L Grade B Dengan Variasi Goresan Lapis Lindung (Doctoral dissertation, Institut Teknologi Sepuluh Nopember).
- Santoso, B., & Wijatmoko, B. (2023). Identifikasi Korosivitas Tanah Menggunakan Metode Resistivitas Wenner-4 Pin. *JIIF (Jurnal Ilmu dan Inovasi Fisika)*, 7(2), 137-144.
- Sedana, D., & Tanauma, A. (2015). Pemetaan akuifer air tanah di jalan ringroad kelurahan malendeng dengan menggunakan metode geolistrik tahanan jenis. *Jurnal ilmiah sains*, 33-37.
- Setiahadiwibowo, A. P., Nugroho, O. B., & Pratama, Y. A. (2020). Penentuan Nilai Resistivitas Unconsolidate Sand Pada Low Moisture Content Menggunakan Mikroampermeter Pada Aliran Sungai Krasak, Sleman, Daerah Istimewa Yogyakarta. *Jurnal Geoelebes*, 4(1), 46-52.
- Suparman, M. dan Robinson, G.P., (1990). *Peta Geologi Lembar Fakfak, Irian Jaya, Pusat Penelitian dan Pengembangan Geologi, Bandung*.
- Sutanto, R. (2005). *Dasar Ilmu Tanah*. Universitas Islam Balitar
- Setiawan, T. (2015). Sistem Aliran Air Tanah Akuifer Kars Fakfak, Papua Barat, Berdasarkan Karakter Kelurusan dan Hidrogeokimia. *Jurnal Lingkungan dan Bencana Geologi*, 6(1), 31-44
- Sutrisno, S. (2017). *The Measurement of Subsurface Environment at Cibubur Region West Java Province*.
- Syahwirawan, Y., Hilyah, A., & Utama, W. (2017). Identifikasi Penyebaran Zona Korosi dan menentukan Tempat Pemasangan Anoda untuk Proteksi Katodik pada Lapangan Unit 7 & 8 PT. IPMOMI menggunakan Metode Resistivitas 2D Konfigurasi Wenner-Alpha. *Jurnal Teknik ITS*, 6(2), B293-B295.

- Telford, W. M., Geldart, L. P., & Sheriff, R. E. (1990). Applied Geophysics (2nd ed.). Press Syndicate of The University of Cambridge
- Terzaghi, K and Peck, R.B. (1948) Soil Mechanics in Engineering Practice. John Wiley and Sons, New York.
- Todd, B. J., Gupta, V. K., & Best, M. E. (1993) SOUTHERN ONTARIO, OCTOBER 18-26, 1993.
- Todd, D. K. (1959). Ground Water Hydrology. New York: John Wiley & Sons.
- Vebrianto, S. (2016). Eksplorasi metode geolistrik. Universitas Brawijaya Press.
- Youd, T.L. and Idriss, I.M. (2001), "Liquefaction Resistance of Soils : Summary Report from the 1996 NCEER Workshops on Evaluation of Liquefaction Resistance of Soil", Journal of Geotechnical and Geoenvironmental Engineering , ASCE, April 2001, Vol. 127 No. 4, 297 – 313.
- Yuwono, N. W. (2012). Pengertian dan Susunan Tanah. Universitas Gadjah Mada.
- Zein, E. D. K., & Marshela, S. (2023). Pendugaan Potensi Tingkat Korosifitas Lapisan Bawah Permukaan Menggunakan Teknik Vertical Electrical Sounding (Studi Kasus: Kabupaten Penajam, Kalimantan). Jurnal Geosaintek, 9(3), 183-193.