

DAFTAR PUSTAKA

- [1] H. Iqfirlana, D. A. Suaidi, dan B. Indriawan, “Bedrock Resistivity Mapping as Basis for Determination of Building Foundation in Plantation Area of Pancursari Malang”, *Prosiding FMIPA Universitas Negeri Malang*, hal. 1-5. 2014.
- [2] Syamsurizal, Cari, dan Sudjiono, “Aplikasi Metode Resistivitas Untuk Identifikasi Litologi Batuan Sebagai Studi Awal Kegiatan Pembangunan Pondasi Gedung”, *Indonesian Journal of Applied Physics*, vol. 3, no. 1, hal. 99-106, 2012.
- [3] Rizka dan S. Satiawan, “Bedrock investigation use resistivity method as effort to provide data subsurface on ITERA campus”, *Jurnal Sains Dan Teknologi Aplikatif*, hal. 60–70, 2018.
- [4] A. Margarowo, “Identifikasi Batuan Dasar di Desa Kroyo, Karangmalang Kabupaten Sragen Menggunakan Metode Geolistrik Konfigurasi Dipole-Dipole”, *Skripsi: Surakarta: Fakultas MIPA UNS*, 2009.
- [5] M. H. Loke, *Tutorial: 2-D and 3-D Electrical Imaging Surveys*, Penang, Malaysia, 2004.
- [6] S. Broto, dan R. S. Afifah, “Pengolahan Data Geolistrik dengan Metode Schlumberger”, *Majalah TEKNIK*, vol. 29, no. 2, 2008.
- [7] W. Lowrie, “Fundamentals of Geophysics, second edition”, In Cambridge University Press, 2007.
- [8] D. K. Todd, “Groundwater Hydrology”, New York: Associate Professor of Civil Engineering California University, 1959.
- [9] H. R. Burger, “Exploration Geophysics of the Shallow Subsurface”, New Jersey: Prentice Hall, 1992.
- [10] R. S. B. Waspodo, “Investigasi Air Tanah Melalui Geolistrik di Darmaga, Bogor”, *Buletin Keteknik Pertanian*, vol. 16, no. 1, 2002.
- [11] Nurhidayah, “Aplikasi Metode Geolistrik Untuk Mengetahui Pencemaran Limbah di Sekitar Sungai di Daerah Genuk”, *Skripsi, Semarang: FMIPA Universitas Negeri Semarang*, 2011.

- [12] W. M. Telford, L. P. Geldart, dan R. E. Sheriff, “Applied Geophysics (Second edi)”, *Press syndicate of the University of Cambridge*, 1990.
- [13] N. Hurun, “Analisis Data Geolistrik Resistivitas Untuk Pemodelan Struktur Geologi Bawah Permukaan Gunung Lumpur Bangkalan”, Universitas Islam Negeri Maulana Malik Ibrahim Malang, 2016.
- [14] R. Kirsch, “Groundwater Geophysics a Tool for Hydrogeology”, *Springer Science and Business Media B*, 2006.
- [15] J. M. Reynolds, “An Introduction to Applied and Environmental Geophysics”, In *A John Wiley & Sons, Ltd, Publication* (2nd ed., Issue 606). John Wiley & Sons, Ltd, 2006.
- [16] O. Koefoed, “Geosounding Principles”, Elsevier, 1979.
- [17] Grandis, Hendra, “Pengantar Pemodelan Inversi Geofisika”, Himpunan Ahli Geofisika Indonesia (HAGI), Bandung, 2009.
- [18] Tini, “Analisis Potensi Likuifaksi Akibat Gempa Bumi dengan Menggunakan Metode Standard Penetration Test dan Cone Penetration Test di Kabupaten Bantul, Yogyakarta”, *Skripsi, Bandung: FMIPA Universitas Pendidikan Indonesia*, 2016.
- [19] P. K. Robertson, dan B. H. Wride, “Cyclic Liquifaction and the Evaluat Ion Based on the SPT and CPT”, in *Proceedings edited by Young and Idriss*, 1988, hal. 41 – 88, 1989.
- [20] R. Kumar, K. Bhargava, dan D. Choudhury, “Estimation of Engineering Properties of Soils from Field SPT Using Random Number Generation”, *INAE Letters*, vol. 1, no. 3–4, hal 77–84, 2016.
- [21] FEMA 451, ASCE7-05 – Seismic Load Analysis, *Federal Emergency Management Agency*, Washington, D.C, 2003.
- [22] S. N. R. Listanti, D. Darsono, dan Y. M. Purwana, “A Comparison between Drilling and Standard Penetration Test (SPT) Data to the Electrical Resistivity Sounding with Schlumberger Configuration in UNS Area”, *Indonesian Journal of Applied Physics*, vol. 8, no. 2, hal. 67, 2018.

- [23] L. Adeoti, K. S. Ishola, and O. Adesanya, “Subsurface investigation using electrical resistivity and standard penetration test as guide for gas pipeline installation in Lekki Peninsula, Lagos”, *Electronic Journal of Geotechnical Engineering*, vol. 18 N, hal. 2791–2804, 2018.
- [24] A. Yendra, dan A. H. Salam, “Analisa dan Penentuan Lapisan Keras dengan Metode Geolistrik Untuk Dasar Pembangunan Gedung Baru di Politeknik Negeri Bengkalis”, vol. 15, no. 1, hal. 47–51, 2017.
- [25] R. Hutagalung, dan E. Bakker, “Identifikasi jenis batuan menggunakan metode geolistrik resistivitas konfigurasi Schlumberger dalam perencanaan pondasi bangunan di terminal transit Desa Passo”, *Prosiding FMIPA Universitas Pattimura*, hal. 159–167, 2013.
- [26] B. A. Syed, dan F. I. Siddiqui, “Use of vertical electrical sounding (VES) method as an alternative to standard penetration test (SPT)”, *Proceedings of the International Offshore and Polar Engineering Conference*, vol. 4, hal. 871–875, 2012.
- [27] A. C. O. Braga, F. W. Malagutti, J. C. Dourado, dan H. K. Chang, “Correlation of Electrical Resistivity and Induced Polarization Data with Geotechnical Survey Standard Penetration Test Measurements”, *Journal of Environmental and Engineering Geophysics*, vol. 4, no. 2, hal. 123–130, 2018.
- [28] H. Pazha, F. H. Muhammad R. D. Agustina, dan R. Wiratama, “The Identification of Hard Bottom Surface Structure using Correlation of Geoelectrical Resistivity Methods and SPT Data as Preliminary Studies for Laying the Foundation at Passing Cross Sumatera Toll Road, South Lampung Station”, *Journal of Physics: Conference Series*, vol. 1155, hal. 1, 2019.
- [29] Z. Asry, A. R. Samsudin, W. N. Yaacob, dan J. Yaakub, “Geoelectrical Resistivity Imaging and Refraction Seismic Investigations at Sg. Udang, Melaka”, *American Journal of Engineering and Applied Sciences*, vol. 5, no. 1, hal. 93–97, 2014.

- [30] M. Hazreek, dan B. Zainal, “Integral Analysis of Geoelectrical (Resistivity) and Geotechnical (Spt) Data in Slope Stability Assessment”, *Academic Journal of Science*, vol. 1, no. 2, hal. 305–316, 2014.
- [31] J. Dai, S. Darul, A. Hidayat, Sumulyadi, S. Hendra, A. Yayat, A. Hermawan, P. Buurman, dan T. Balsem, *Buku Keterangan Peta Satuan Lahan dan Tanah Lembar Tanjungkarang, Sumatera* (1st ed), 1989.
- [32] S. A. Mangga, T. Amirudin, S. Suwarti, Gafoer, dan Sidarto, *Peta Geologi Lembar Tanjungkarang, Sumatra, Bandung: Pusat Penelitian dan Pengembangan Geologi*, 1993.
- [33] N. Haerudin, Rustadi, dan H. Fitriawan, (1832), “Earthquake Disaster Mitigation Mapping by Modeling of Land Layer and Site Effect Zone”, *Jurnal Ilmiah Pendidikan Fisika Al-Biruni*, 1832.
- [34] IAGI, “Sandi Stratigrafi Indonesia (R. D. Putrohari (ed.))”, *Ikatan Ahli Geologi Indonesia*, 1996.