

DAFTAR PUSTAKA

- Ahmada, N. & Sarifudin, I., 2023. Analisis Penggunaan Lahan Berdasarkan Aspek Geologi Lingkungan di Kecamatan Tembalang. *Perwira Journal of Science & Engineering*, 3(2), pp.6–17. Available at: <https://doi.org/10.54199/pjse.v3i2.201> [Diakses 28 Apr. 2025]
- Anindita, L.C., Indriana, R.D. & Setyawan, A., 2024. *Landslide Identification on Tembalang-Jangli New Road, Semarang, Central Java Using Dipole-Dipole Configuration Resistivity Geoelectric Method*, 11(October), pp.469–477.
- Arisona, Manginsih, S. L., Praja, N. K., Hasria, & Azhar. (2023). Pemetaan Lapisan Tanah Menggunakan Data Mikrotremor HVSR dan Dampaknya Terhadap Daya Dukung Tanah di Kawasan Kota. *Jurnal Geologi dan Sumberdaya Mineral*, 24(1), 51–58. Available at : <http://dx.doi.org/10.33332/10.33332/jgsm.geologi.v24i1.724>. [Diakses 22 Des, 2024]
- Ayub, S., Zuhdi, M., & Rokhmat, J. (2020). Aplikasi Metode Seismik Refraksi dalam Menentukan Lapisan dan Tingkat Kekerasan Batuan di Bawah Permukaan Desa Medana Lombok Utara. *Kappa Journal*, 4(2), 188–196. Available at : <https://doi.org/10.29408/kpj.v4i2.2607>. [Diakses 26 Mei, 2026]
- Badan Standarisasi Nasional, 2019. SNI 1726: Tata cara perencanaan ketahanan gempa untuk struktur bangunan gedung dan non gedung. Jakarta: BSN
- Bappenas. (2007). *Pedoman Umum Pengelolaan Risiko Bencana*. Jakarta: Badan Perencanaan Pembangunan Nasional.
- Cruden, D., & Varnes, D. (1993). Landslide Types and Processes, Special Report , Transportation Research Board, National Academy of Sciences. *Landslide Investigation and Mitigation, December*, 36–75. Available at: <https://onlinepubs.trb.org/Onlinepubs/sr/sr247/sr247.pdf>. [Diakses 18 Mei 2025]
- Fnaish, M.S., Abdelrahman, K. & Al-Amri, A.M., 2010. Microtremor measurements in Yanbu city of Western Saudi Arabia: A tool for seismic microzonation. *Journal of King Saud University - Science*, 22(2), pp.97–110. Available at: <https://doi.org/10.1016/j.jksus.2010.02.006>. [Diakses 28 Apr. 2025].
- Highland, L.M. & Bobrowsky, P., 2008. The landslide Handbook - A guide to understanding landslides. *US Geological Survey Circular*, 1325, pp.1–147.
- Keçeli, A., 2012. Soil Parameters Which Can Be Determined With Seismic Velocities. *Jeofizik*, 16, pp.17–29.
- Konno, K., & Ohmachi, T. (1998). Ground-motion characteristics estimated from spectral ratio between horizontal and vertical components of microtremor. *Bulletin of the Seismological Society of America*, 88(1), 228–241. Available at : <https://doi.org/10.1785/bssa0880010228>. [Diakses 17 Mei, 2025]
- Nakamura, Y. (1989). A Method for Dynamic Characteristics Estimation of Surface using Microtremor on the Ground Surface. In *Proc. 20th JSCE Earthquake Eng. Symposium* (Vol. 30, Issue 1, pp. 133–136).

- Nakamura, Y., 1997. Seismic Vulnerability Indices for Ground and Structures using Microtremor. *World Congress on Railway Research*, pp.1–7. Available at: <https://api.semanticscholar.org/CorpusID:55980497>. [Diakses 22 Nov. 2025]
- Nakamura, Y., 2000. Clear identification of fundamental idea of Nakamura's technique and its applications. *Proceedings of the 12th World Conference*, May, Paper no. 2656. Available at: http://www.sdr.co.jp/papers/n_tech_and_application.pdf. [Diakses 26 Apr. 2025]
- Nakamura, Y. (2008). On the H/V spectrum. *The 14th World Conference on Earthquake Engineering*, 1–10. Available at: http://117.120.50.114/papers/14wcee/14wcee_hv.pdf. [Diakses 2 Mei, 2025]
- Putra, I.K.A. dan Wardika, I.G., 2021. Analisis Kerentanan Lahan Terhadap Potensi Bencana Tanah Longsor pada Wilayah Kaldera Batur Purba. *Media Komunikasi Geografi*, 22(2), p.208. Available at: <https://doi.org/10.23887/mkg.v22i2.36925>. [Diakses 27 Apr. 2025]
- Poedjoprajitno, S., Wahyudiono, J. & Cita, A., 2008. Reaktivitas Sesar Kaligarang, Semarang. *Indonesian Journal on Geoscience*, 3(3), pp.129–138. Available at: <https://doi.org/10.17014/ijog.3.3.129-138>. [Diakses 23 Feb. 2025]
- PVMBG. (2022). *Peta Prakiraan Wilayah Potensi Terjadi Gerakan Tanah Bulan Oktober 2022*. Pusat Vulkanologi dan Mitigasi Bencana Geologi, Badan Geologi, Kementerian Energi dan Sumber Daya Mineral Republik Indonesia.
- Rahma, I., Limayukha, D.M., Afi, M. and Muttaqin, W.H., n.d. *Kajian struktur bawah tanah berdasarkan parameter mikroseismik di Kota Lama Semarang*. 27(2), pp.88–102.
- Sitorus, N. and Purwanto, S., 2016. *Analisis Nilai Frekuensi Natural dan Amplifikasi Desa Olak Alen Blitar Menggunakan Metode Mikrotremor HVSR*.
- Sungkono and Santosa, B.J., 2011. Karakterisasi Kurva Horizontal-To-Vertical Spectral Ratio. *Neutrino*, 4(1).
- Thanden, R.E., Sumadirja, H., Richards, P.W. and Sutisna, K., 1996. Geological Map of the Magelang and Semarang Sheet, Java, Scale 1:100,000. *Bandung: Geological Research and Development Centre*.
- Westen, C. J. Van, Castellanos, E., & Kuriakose, S. L. (2008). Spatial data for landslide susceptibility , hazard , and vulnerability assessment : An overview. *Engineering Geology*, 102(3–4), 112–131. Available at: <https://doi.org/10.1016/j.enggeo.2008.03.010>. [Diakses 18 May 2025]
- Wibowo, R. P., Sasongko, D. P., Widada, S., & Yuliyanto, G. (2022). *Application of Microtremor to Identify Bedrock for Building Foundations (Case Study: Eastern of Diponegoro University, Semarang)*. 13(11), 322–325.