

DAFTAR PUSTAKA

- Arifin, S. S., Mulyanto, B. S., Marjiyono & Setianegara, R., 2013. *Penentuan Zona Rawan Guncangan Bencana Gempa Bumi Berdasarkan Analisis Nilai Amplifikasi HVSR Mikrotremor dan Analisis Periode Dominan Daerah Liwa dan Sekitarnya*. Jurnal Geofisika Eksplorasi, 2(1).
- Asten, M.W. 1978. *Geological Control on The Three-Component Spectra of Rayleigh Wave Microseisms*. *Bulletin of the Seismological Society of America*, 68(6), pp. 1623-1636.
- Badan Meteorologi, Klimatologi, dan Geofisika. 2016. *Skala Intensitas Gempa Bumi*.
- Badan Standarisasi Nasional (BSN). 2019. *SNI 1726:2019 Tata Cara Perencanaan Ketahanan Gempa Bangunan Gedung dan Non Gedung*. BSN, Jakarta.
- Bappekot Kota Ambon. 2015. *Peta Geologi Ambon*.
- Bard, P. Y., 1999. *Microtremor Measurement: A Tool for Site Estimates*. Yokohama, s.n., pp. 1252-1279.
- Bour, M., Fouissac, D. & Martin, C., 1998. *On the Use of Microtremor Recording in Seismic Microzonation*. *Soil Dynamics and Earthquake Engineering* 17.
- Building Seismic Safety Council. 2003. *FEMA450, NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures Part 1 : Provisions*, Washington DC : National Institute of Building Sciences.
- Buyang, C. G., & Ayal, M. R. 2024. *Pengujian Cone Penetration Test (SONDIR), di Gereja MR II Kota Ambon*. ABDIKAN: Jurnal Pengabdian Masyarakat Bidang Sains dan Teknologi, 3(2), 104-111.
- Cipta & Athanasius. 2009. *Laporan Penelitian Penyelidikan Amplifikasi Wilayah Seririt, Propinsi Bali*. Bandung: Pusat Vulkanologi dan Mitigasi Bencana Geologi.
- Daryono, Sutikno, Prayitni, & Setio, B. 2009. *Data Mikrotremor dan Pemanfaatannya untuk Pengkajian Bahaya Gempa Bumi*. BMKG: Yogyakarta.

- Das, B. M. 1990. *Principles of Foundation Engineering (Second Edition, PWS Kent Publishing Company, Boston)*.
- Dewi, S. R., Darmawan, D., & Irsyam, M. 2016. *Penggunaan Nilai V_{s30} untuk Klasifikasi Tanah dan Perkiraan Bahaya Gempa Bumi*. Jurnal Teknik Sipil, 24(1), 87-96.
- Douglas, J. 2011. *Ground Motion Prediction Equations 1964 – 2010*. DRGM/RP-59356-FR.
- Essien, U. E., Akankpo, A. O., & Igboekwe, M. U. 2014. *Poisson Ratio of Surface Soils and Shallow Sediments Determined from Seismic Compressional and Share Wave Velocities*. International Journal of Geosciences, 5(12), 1540 - 1546.
- Foti, S., dkk. 2018. *Guidelines for The Good Practice of Surface Wave Analysis: A Product of The Interpacific Project*. Bulletin of Earthquake Engineering, 16, 2367-2420.
- Gustono, S. T., Akhadi, M., Azzahra, K. S., & Ginting, R. A. 2020. *The Change of Rock Condition Observed by H/V Spectral and Ellipticity Curve Inversion Analysis (Case Study: Palu Earthquake September 28, 2018)*. SPEKTRA: Jurnal Fisika dan Aplikasinya, 5(3), 201-212.
- Gutenberg, B. 1958. *Caustics Produced by Waves Through the Earth's Core*. Geophysical Journal International, 1(3), 238-248.
- Hamilton, W. 1979. *Tectonics of the Indonesian region*, United States Geological.
- Hidayati, S. 2010. *Pengenalan Seismologi Gunungapi*. Bandung: Diklat Pelaksana Pemula Pengamat Gunungapi Baru, Pusat Vulkanologi dan Mitigasi Bencana Geologi.
- Ishida, H., Nozawa, T. & Niwa, M., 1998. *Estimation of Deep Surface Structure based on Phase Velocities and Spectral Ratios of Long-Period Microtremors, Second International Symposium on The Effects of Surface Geology on Seismic Motion*. Yokohama, December 1-3, 1998, Balkema, 2, 697-704.
- Ishihara, K., 1982. *Introduction to Dynamic Soil Mechanism*. Japan.
- Kiyoshi, K., 1966. *Improved empirical formula for characteristics of stray [sic] earthquake motions*. s.l., s.n., pp. 1-4. Pages 1–4 of: *Proceedings of the Japanese Earthquake Symposium*.

- Kiyoshi, K., 1983. *Seismology in Engineering*. Tokyo University. Japan.
- Kayal, J., 2008. *Microearthquake Seismology and Seismotectonics of South Asia. India: Capital Publishing Company*.
- Kemp, G, dkk. 1995. *Exploration of Mesozoic in the Seram PSC, Eastern Indonesia : Recent Development in Geological Knowledge*. Jakarta : *Proceedings of Symposium and Workshop in the Mesozoic in the Eastern Part of Indonesia*.
- Lay, Thorne dan Terry C. Wallace. 1995. *Modern Global Sesmology*. California: *Academic Press*.
- Manzella, A. 1990. *Geophysical Methods in Geothermal Exploration*. Italian National Research Council : Italy.
- Mirzaoglu, M. and Dykmen, U. 2003. *Application of Microtremor to Seismic Microzoning Procedure, Journal of The Balkan Geophysical Society*, Vol.6 No.3, hal. 143-156.
- Nakamura, Y., 1989. *A Method for Dynamic Characteristics Estimation of Subsurface using Microtremor on The Ground Surface*, s.l.: *The Railway Technology Research Institute Japan*.
- Nakamura, Y., 1997. *Seismic Vunerability for Ground and Structures using Microtremor*. s.l., *World Congress on Railway Research*.
- Nakamura, Y., 2000. *Clear Identification of Fundamental Idea of Nakamura's Technique and Its Application*. Tokyo, s.n.
- Nakamura, Y. 2008. *On the H/V Spectrum. The 14th World Conference on Earthquake Engineering Beijing, China*.
- Nandi, H., Fikri, A., Rustadi. 2019. *Mikroseismik, Mikrotremor, dan Mikroearthquake Dalam Ilmu Kebumian*. Lampung : Pusaka Media.
- Philip, S., 2007. *Planet yang Bergolak*. Jakarta: PT. Gelora Aksara.
- Refrizon, dkk. 2013. *Analisis Percepatan Getaran Tanah Maksimum dan Tingkat Kerentanan Seismik Daerah Ratu Agung Kota Bengkulu*. Lampung: Universitas Lampung.
- Scherbaum, F., Hinzen, K. G., & Ohrnberger, M. 2003. *Determination of Shallow Shear Wave Velocity Profiles in The Cologne, Germany Area Using Ambient Vibrations. Geophysical Journal International*, 152(3), 597-612.

- SESAME. 2004. *Guidelines For The Implementation of The H/V Spectral Ratio Technique on Ambient Vibration Measurements and Interpretation, Deliverable D23.12, University of Potsdam.*
- Setiawan J.R. 2009. *Mikrozonasi Seismitas Daerah Yogyakarta Dan Sekitarnya.* Tesis. Bandung: Institut Teknologi Bandung.
- Shearer, P. M. 2009. *Introduction to Seismologi Second Edition.* Cambridge University Press. New York.
- Sianipar, D. 2019. *Studi Sumber Gempa Ambon 26 September 2019 Mw 6, 5.*
- Slob, S. 2007. *Micro Seismic Hazard Analys, Earthquake Vulnerability, and Multi Hazard Risk Assesment: Geospatial Tools for Rehabilitation and Reconstruction Efforts.* The Netherlands: ITC.
- Subakti, H., & Haurissa, A. 2022. *Studi Mikrotremor di Wilayah Kerusakan Akibat Gempa Bumi Ambon 26 September 2019 menggunakan Metode Horizontal to Vertical Spectral Ratio (Hvsr).* PROGRESS: Jurnal Geofisika, 1(1), 29-49.
- Sunardi, B, dkk. 2018. *Vs30 Mapping and Soil Classification in The Southern Part of Kulon Progo using Rayleigh Wave Ellipticity Inversion.* JGISE: Journal of Geospatial Information Science and Engineering, 1(2)
- Susana, M., dkk. 2016. *Penyelidikan Geologi Lingkungan Perkotaan Kota Ambon Provinsi Maluku.* Kementerian Energi dan Sumber Daya Mineral Badan Geologi.
- Telford, W., Geldart, L., Sheriff, R., and Keys, D.1976. *Applied Geophysics.* Cambridge University Press, New York.
- Telford, W.M., Geldart, L.P. and Sheriff, R.E. 1990. *Applied Geophysics. 2nd Edition.* Cambridge University Press, Cambridge.
- Tjokrosapoetro. S., E, Rusmana., Achdan, A., 1993. *Peta Geologi Lembar Ambon, Maluku skala 1:250.000,* Pusat Penelitian dan Pengembangan Geologi, Lembar 2612.
- Tokimatsu, K., 1997. *Geotechnical Site Characterization using Surface Waves, Earthquake Geotech. Eng.,* Ishihara (ed.), Balkema, Rotterdam, 1333-1368.

- Tuladhar, R., Cuong, N. N. H. & Yamasaki, F., 2004. *Seismic Microzonation of Hanoi, Vietnam Using Microtremor Observations*. Vancouver, 13th World Conference on Earthquake Engineering.
- Van Bemmelen, R.W. 1970. *The Geology of Indonesia*. 2nd Edition, Martinus.
- Wald d. J., Quitoriano V., Heaton T. H., and Kanamori H. 1999. *Relationships between Peak Ground Acceleration, Peak Ground Velocity, and Modified Mercalli Intensity in California*. *Earthquake Spectra*, 15, No.3.
- Yuliyanto, G., & Nurwidyanto, M. I. 2021. *Analysis of Landslide in Bungkah, Sepakung, Banyubiru using Ground Shear Strain Method and Shear Wave Profile from HVSR Method*. In *Journal of Physics: Conference Series* (Vol. 1943, No. 1, p. 012027). IOP Publishing.