

## DAFTAR PUSTAKA

- Aki, K., and Kanai, 1957. *Space and Time Spectra of Stationary Stochastic Waves, with Special References to Microtremors*. Bull, Earthq. Res. Inst, Vol 35, pp 415-456.
- Almendros, Javier., Luzon, Fransisco., Posadas, Antonio., 2004, *Microtremor Analyses at Teide Volcano (Canary Island, Spain): Assessment of Natural Frequency of Vibration Using Time-dependent Horizontal-to-Vertical Spectral Ratios*, Pure Applied Geophysics Volume 161.
- Arifin, A. S., Mulyatno, B. S., Marjiyono dan 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 Vol 2/No.1.
- Arurifak, M., Irsyam, M., Budiono, B., Triyoso, dan W., Hendriyawan, 2010. *Development of Spectral Hazard Map for Indonesia with a Return Period of 2500 Years using Probabilistic Method*. Journal Civil Engineering Dimension, Vol 12, No. 1, March 2010, 52-62, ISSN 1410-9530.
- Barber, A., J., Crow, M., J. dan MmSom, J., S., 2005. *Sumatra: Geology, Resources and Tectonic Evolution*. Geological Society, London, Memoirs, 31.
- Bath, M., 1979. *Intensity Relation for Swedish Earthquake*. Seismological Institute.
- Daryono, Sutikno, Junun S. dan Dulbahri, 2009a. *Local Site Effect of Bantul Graben Based on Microtremor Measurement for Seismic Hazard Assessment*. 2nd International Conference n Geoinformation Technology for Natural Disaster Management and Rehabilitation, Bangkok, Thailand.
- Daryono, Sutikno, Junun S., Dulbahri, dan K.,S., Brotopuspito, 2009b. *Local site effect at Bantul Graben Based on Microtremor Measurements*. International Conference Earth Science and Technology, Phonix Hotel, Yogyakarta.
- Daryono, 2011. *Indeks Kerentanan Seismik Berdasarkan Mikrotremor pada Setiap Bentuk Lahan di Zona Bantul, Daerah Istimewa Yogyakarta*. Disertasi. Program Pascasarjana Fakultas Geografi UGM, Yogyakarta.
- Dirgantara, F., 2008. *Pemetaan Amplifikasi Mikrozonasi Kabupaten Sleman, Provinsi Daerah Istimewa Yogyakarta Menggunakan Metode Horizontal to Vertical Spectral Ratio (HVSR)*. Skripsi. Program Studi Geofisika, FMIPA UGM, Yogyakarta.
- Handayani, L., Mulyadi, D., Dadan, D., Wardhana, & Wawan H. Nur, 2009. *Percepatan Pergerakan Tanah Maksimum Daerah Cekungan Bandung: Studi Kasus Gempa Sesar Lembang*. JSDG Vol 19.

- Herak, M., 2008. *Model HVSR-A Matlab Tool to Model Horizontal to Vertical Spectral Ration of Ambient Noise*. Computer & Geosciences 34, 1514-1526
- Herlianto, B., 2013. *Pemetaan Percepatan Getaran Tanah Maksimum, Indeks Kerentanan Seismik, Ground Shear Strain, dan Ketebalan Lapisan Sedimen untuk Mitigasi Bencana Gempa Bumi di Kabupaten Bengkulu Utara*. Thesis. Program Pascasarjana Fakultas FMIPA UGM, Yogyakarta.
- Ibs-Von, M. S., dan Wohlenberg, J., 1999. *Microtremor Measurement Used t Map Thicknees of Soil Sediments*. Bulletin od the Seismological Society of America, Vol. 89, No. 1, pp. 250-259, February 1999.
- Kastowo, Gerhard W.Leo, S. Gafoer, dan T.C. Amin, 1996. *Peta Geologi Bersistem, Indonesia, Lembar Padang, 0715, Skala 1:250.000*. Pusat Penelitian dan Pengembangan Geologi, Bandung, Indonesia.
- Konno, K. dan T. Ohmachi, 1998. *Ground-Motion Characteristics Estimated from Spectral Ratio Between Horizontal and Vertical Components of Microtremor*. Bull. Seism. Soc. Am. 88, 228-241.
- Marjiyono, 2010. *Estimasi karakteristik dinamika tanah dari data mikrotremor*. Tesis. Program studi geofisika terapan. Institut Teknologi Bandung. Bandung.
- Meidji, I.U., 2014. *Kajian Karakteristik Dinamika Tanah Terhadap Resiko Kerawanan Seismik dan Dampaknya Terkait Rencana Tata Ruang Wilayah di Kota Mataram Bagian Timur*. Tesis. Program Studi S2 Ilmu Fisika Jurusan Fisika FMIPA UGM, Yogyakarta.
- Mirzaoglu, M., dan Dykmen, U., 2003. *Application of Microtremor to Seismic Microzoning Procedure*. Journal of The Bam City, Southern Iran, Journal of Earthquake Engineering, 11:110-123
- Nakamura, Y., 1989. *A Method for Dynamic Characteristic Estimation of Subsurface using Microtremor on the Ground Surface*. QR Railway Tecnical Research Institute, 30(1), 25-33
- Nakamura, Y., 1996. *Realtime Information Systems for Seismic Hazard Mitigation*. Quarterly Report of Railway Technical Research Inst. (RTRI) 37, 112-127.
- Nakamura, Y., 2000. *Clear Identification of Fundamental Idea of Nakamura's Technique and Its Application*. Proc XII World Cnf. Earthquake Engineering, New Zealand, 2656.
- Nakamura, Y., T. Sato, dan M. Nishinaga, 2000. *Local Site Effect of Kobe Based on Microtremor Measurement*. Proceeding of the Sixth International Conference on Seismic Zonation EERI, Palm Springs California.
- Nakamura, Y., 2008, *On the H/V Spectrum*. The 14th World Conference on Earthquake Enggineering, Beijing, China.