

## DAFTAR PUSTAKA

- Arifin, Satria Subkhi., Mulyatno, Bagus Sapto., Marjiyono & Setianegara, Roby.  
2013. *Penentuan Zona Rawan Guncangan Bencana Gempa Bumi berdasarkan Analisis Nilai Amplifikasi HVSr Mikrotremor dan Analisis Frekuensi Dominan Daerah Liwa dan Sekitarnya*. Jurnal Geofisika Eksplorasi Vol. 2, No. 1.
- Bonnefoy, S. C., Cotton, F., & Yves, P. B. 2006. *The nature of noise wavefield and its applications for site effects studies*. *Earth-Science*, 205–227.
- Brotopuspito, K., Prasetya, T., dan Widigdo, F. 2006. *Percepatan Getaran Tanah Maksimum Daerah Istimewa Yogyakarta 1943-2006*. Jurnal Geofisika v.1/2006. Himpunan Ahli Geofisika Indonesia (HAGI).
- Chen, Q.-F., Liu, L., Wang, W. and Rohrbach, E. (2008). *Site effects on earthquake ground motion based on microtremor measurements for metropolitan Beijing*, Chinese Science Bulletin, in press.
- Ishihara, K. 1978. *Introduction to Dynamic Soil Mechanism*. Japan.
- Lay, T. and Wallace, T. 1995. *Modern Global Seismology*. Academic Press, Inc., Cambridge, MA.
- Mucciarelli, M., Albarello, D., D'Amico, V. 2008. *Comparison of Probabilistic Seismic Hazard Estimates in Italy*. Bulletin of the Seismological Society of America, Vol. 98, No. 6, pp. 2652-2664.
- Nakamura, Y. 1989. *A method for dynamic characteristics estimation of subsurface using microtremor on the ground surface*. Quarterly Report of Railway Technical Research Inst. (RTRI) 30, 25-33.

- Nakamura, Y. 1997. *Seismic Vulnerability Indices for Ground and Structures Using Microtremor. World Congress on Railway Research in Florence. Italy*
- Nakamura, Y. 2000. *Clear Identification of Fundamental Idea of Nakamura's Technique and Its Applications. System and Data Research, Japan.*
- Nakamura, Y. 2008. *On The H/V Spectrum. The 14th World Conference on Earthquake Engineering, Beijing.*
- Ratdomopurbo, A. 2006. *Laporan Survey Mikrotremor: Pengukuran Amplifikasi Lahan di Wilayah Bantul, Yogyakarta. Balai Penyelidikan dan Pengembangan Teknologi Kegunungapian, Yogyakarta.*
- Seed, H. B., Schnabel, P. B. 1972. *Soil and Geological Effects on Site Response During Earthquake. Proc. of First International Conf. on Microzonation for Safer Construction – Research and Application, vol. I, pp 61-74.*
- Shearer, Peter M. 2009. *Introduction to Seismology. Cambridge: Cambridge University Press*
- Surono, B. Toha, I. Sudarno. 1992. *Peta Geologi Lembar Surakarta-Giritontro, Jawa. Pusat Penelitian dan Pengembangan Geologi.*
- Telford, W. M, L.P Geldart & R. E. Sheriff. 1990. *Applied Geophysics, Second Edition. New York: Cambridge University Press.*
- Tuladhar, R. 2002. *Seismic microzonation of greater Bangkok using microtremor observations. Thesis Asian Institute of Technology School of Civil Engineering. Thailand.*

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**ANALISIS NILAI KERENTANAN GEMPA DENGAN DATA MIKROTREMOR MENGGUNAKAN METODE  
HVSr DI DESA GAYAMHARJO,  
KECAMATAN PRAMBANAN, SLEMAN**

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Waluyo, 2002, *Diktat Kuliah Seismologi*, Laboratorium Geofisika, Fakultas  
Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada,  
Yogyakarta.