

DAFTAR PUSTAKA

- Afnimar. 2009. *Seismologi*. Bandung: ITB Press.
- Anonim. 2007. *Undang-Undang Nomor 24 Tahun 2007 Tentang Penanggulangan Bencana*. Jakarta: Sekretariat Negara.
- Anonim. 2012. *Standar Nasional Indonesia (SNI) 1726 : 2012 Tentang Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Non Gedung*. Jakarta : Badan Standarisasi Nasional.
- Arifin, S.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* 2(1). Universitas Lampung
- Bard, P.Y. 1998. Microtremor measurements: a tool for site effect estimation, in the effects of surface geology on seismic motion, Irikura, Kudo, Okada & Sasatani (eds), Balkema, 1251- 1279.
- Bard, P.Y. 2000. Lecture notes on seismology, seismic hazard assessment and risk mitigation. *International Training Course*. Postdam
- Bath, M. 1979. *Introduction to Seismologi*. 2nd edition. Birkhuser. Verlaag.
- Bemellen, Van, R. W. 1949. *The Geology of Indonesia*. The Hague, Netherland
- Bour, M., Fouissac, D., Dominique, P., dan Martin, C. 1998. On the Use of Microtremor Recording in Seismic Microzonation. *Soil Dynamics and Earthquake Engineering*, Vol. 17, No. 1, Hal. 465 – 474.
- Bronto dan Hartono. 2001. *Panduan Ekskursi Geologi Kuliah Lapangan 2*. STTNAS: Yogyakarta.
- Condon, W.H., Pardyanto, L., Ketner, K.B., Amin, T.C., Gafoer, S., dan Samodra, H. 1996. *Peta Geologi Lembar Banjarnegara dan Pekalongan*. Bandung: Pusat Penelitian dan Pengembangan Geologi.
- Daryono, Sutikno, Sartohadi, J., Dulbahri, dan Brotopuspito, K.S. 2009. Pengkajian *Local Site Effect* di Graben Bantul Menggunakan Indeks Kerentanan Seismik Berdasarkan Pengukuran Mikrotremor. *Jurnal Kebencanaan Indonesia*, Vol. 2, No. 1, Hal. 456 – 467.
- Dentith, M dan Mudge, S., 2014, *Geophysics for the Mineral Exploration Geoscientist*, New York: Cambridge University Press. 77

- Edwiza, D. dan Novita, S. 2008. Pemetaan Percepatan Tanah dan Intensitas Seismik Kota Padang Panjang menggunakan Metode Kanai. *Jurnal Teknik Unand*, Vol. 2, No. 29, Hal. 111 – 118.
- Elnashai, S.A. dan Sarno, D.L. 2008. *Fundamental of Earthquake Engineering*. Hongkong: Jhon Wiley and Sons, Ltd.
- Gadallah, R.M. dan Fisher, R. 2009. *Exploration Geophysics*. Berlin: Springer.
- Havskov, J dan Ottemoller, L. 2010. *Routine data Processing in Earthquake Seismology*. London: Springer.
- Herak, M. 2008. ModelHVS R: a Matlab tool to model horizontal-to-vertical spectral ratio of ambient noise. *Journal Computers and Geosciences*, No. 34, Hal. 1514–1526.
- Hurukawa, Nobuo. 2008. *Practical Analyses of Local Earthquakes*. Tsukuba: International Institute of Seismology and Earth Engineering (IISEE) Building Research Institute.
- Kayal, J.R. 2008. *Microearthquake Seismology and Seismotectonics of South Asia*. New Delhi: Springer.
- Lay, Thorne dan Wallace, T.C. 1995. *Modern Global Sesmology*. California: Academic Press
- Lowrie, William. 2007. *Fundamentals of Geophysics*. New York: Cambridge University Press.
- Marjiyono, Setianegara, R., Stiawan, J.H., Sopyan, Y., Yuliastuti. 2016. Kerentanan Wilayah Rencana Tapak RDE Serpong Berdasarkan Nilai Mean Amplification Mikrotremor. *Jurnal Lingkungan dan Bencana Geologi*, Vol. 7, No. 1, Hal. 35 – 44.
- Marjiyono. 2016. Petensi Penguatan Gelombang Gempabumi leh Sediemen Permukaan Kota Mataram, Nusa Tenggara Barat. *Jurnal Lingkungan dan Bencana Geologi*, Vol. 7, No. 3, Hal. 135 – 144.
- McGuire, R.K. 1977. Seismic Design Spectra and Mapping Procedures Using Hazard Analysis Based Directly On Oscillator Response. *Earthquake Enginering and Structural Dynamics*, Vol. 5, Hal. 211 – 234.
- Megawati K, Pan TC, Koketsu K.(2005). Response spectral attenuation relationships for Sumatran-subduction earthquakes and the seismic hazard implications to Singapore and Kuala Lumpur. *Soil Dynamics and Earthquake Engineering*, Vol.25, No.1, pp11-25 78

- Motamed, R., Ghalandarzadeh, A., Tawhata, I., dan Tabatabaei, S.H. 2007. Seismic Microzonation and Damage Assessment of Bam City. Southern Iran : *Journal of Earthquake Engineering*, Vol. 11, Hal. 110-132.
- Munadi, Suprajitno. 2000. *Aspek Fisis Seismologi Eksplorasi*. Jakarta: Program Studi Geofisika, Jurusan Fisika, Universitas Indonesia.
- Nainggolan, D.A. 2009. Struktur Geologi Bawah Permukaan Daerah Pekalongan dan Sekitarnya Berdasarkan Analisis Anomali Gaya Berat dan Magnet. *Jurnal Geologi dan Sumberdaya Mineral*, Vol. 19, No. 2, Hal. 127 – 138.
- 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)*, No.30, Hal. 25-33.
- Nakamura, Y. 2000. *Clear Identification of Fundamental Idea of Nakamura's Technique and Its Application*. Japan: Tokyo University
- Nakamura, Y. 2008. On the H/V Spectrum. *The 14th World Conference on earthquake Engineering*. October 12-17, Beijing, China.
- Ngadmanto, D., Susilanto, P., Nurdiyanto B., Pakpahan,S. dan Masturyono. 2013. Efek Tapak Lokal pada Daerah Kerusakan Akibat Gempabumi Bogor 9 September 2012. *Jurnal Meteorologi dan Geofisika*, Vol. 14, No. 3, Hal. 109 – 116.
- Okada, Hiroshi. 2003. *The Microtremor Survey Method*. Geophysical Monograph Series. United States of America: Society Of Exploration Geophysics.
- Ostrander, W.J. 1984. Plane Wave Reflection Coefficient for Gas Sands at Nonnormal Angles of Incidence, *Geophysics*,49, 1637 -1648
- Panou, A.A., Theodulidis, N., Hatzidimitriou, P.M., Papazachos, C.B., and Stylianidis, K. 2004. Ambient Noise Horizontal to Vertical Spectral Ratio for Assessing Site Effect in Urban Enviroment : The Case of Thessaloniki City (Northern Greece). *Bulletin of Geological Society of Greece*. Vol XXXVI.
- Parolai, S., Bormann, P., Milkereit, C., 2001. Assessment of the Natural Frequency of the Sedimentary Cover in the Cologne Area (Germany) Using Noise Measurement. *Journal of Earthquake Engineering*, 5, 541- 564.
- Patimah, S., Wibowo, N.B dan Darmawan, D. 2018. Analisis Litologi Bawah Permukaan Berdasarkan Ground Profiles Kecepatan Gelombang Geser dengan Metode Ellipticity Curve di Kecamatan Prambanan dan 79

- Kecamatan Gantiwarno Kabupaten Klaten. *Jurnal Fisika*, Vol.7, No.1.
- Pawirodikromo, Widodo. 2012. *Seismologi Teknik dan Rekayasa Kegempaan*. Yogyakarta: Pustaka Pelajar.
- Petermans, T., Delveeschouwer, X, Pouriel F, Rosset P., 2006. Mapping the Local Seismic Hazard in the Urban Area of Brussels, Belgium. *Proceedings of the 10th IAEG congress*, Nottingham.
- PuSGeN. 2017. *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017*. Jakarta : Pusat Studi Gempa Nasional, Pusat Litbang Perumahan dan Pemukiman, Badan Penelitian dan Pengembangan Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Ratdomopurbo, A. 2008. Pedoman Mikrozonasi. Materi Kursus: Bandung. Tidak dipublikasikan.
- Satyana, A.H dan Purwaningsih, M.E.M. 2002. Lekukan Struktur Jawa Tengah : Suatu Segmentasi Sesar Mendatar. Indonesian Association Of Geologists (Iagi) Yogyakarta – Central Java Section “Geology Of Yogyakarta And Central Java” Tahun 2002.
- Satyana, A.H., 2007. Kontribusi eksplorasi hidrokarbon dalam beberapa pemikiran baru geodinamika *Prosiding Seminar Nasional Geologi Indonesia: Dinamika dan Produknya*, Pusat Survei Geologi, Badan Geologi.
- Sherif, R.E. dan Geldart, L.P., 1995. *Exploration Seismology Second Edition*. New York: Cambridge University Press.
- Sidarto, Santoso, dan Jamal. 2008. *Penelitian Struktur Geologi Daerah Pekalongan Selatan Jawa Tengah*. Bandung: Pusat Survei Geologi. Laporan Intern, tidak dipublikasikan.
- Soehaimi, A., Marjiono, dan Karnawan. 2010. Mikrozonasi Kerentanan Bahaya Guncangan Gempa Bumi Kota Pekalongan Berdasarkan Analisis Mikrotremor. *Jurnal Sumber Daya Geologi*, Vol. 20, No. 5, Hal. 277 – 290.
- Sunardi, B., Daryono, Januar, A., Pupung, S., Drajat, N., Boko, N., dan Sulastri. 2012. Kajian Potensi Gempa Bumi Daerah Sumbawa Berdasarkan Efek Tapak Lokal. *Jurnal Meteorologi dan Geofisika*, Vol. 13, No. 2, Hal. 131 – 137. 80

- Sungkono dan Santoso, B.J. 2011. Karakterisasi Kurva Horizontal to Vertical Spectral Ratio : Kajian Literatur dan Permodelan. *Jurnal Neutrio*, Vol. 4, No.1, Hal. 1 - 15.
- Susilanto, P., Ngadmanto, D., Daryono, Hardy, T., Pakpahan., S. 2016. Penerapan Metode Mikrotremor HVSR untuk Penentuan Respon Dinamika Kegempaan di Kota Padang. *Jurnal Lingkungan dan Bencana Geologi*. Vol. 7, No.2, Hal. 79 - 88.
- Towhata, Ikuo. 2008. *Geotechnical Earthquake Engineering*. Berlin: Springer.
- Wald, D.J, Quitoriano, V., Haeaton, T.H., Kanamori, H. (1999). Relationship Between Peak Ground Acceleration, Peak ground Velocity, and Modified Mercalli Intensity in California. *Earthquake Spectra*, 15, 557- 564
- Wang dan Law.1994. *Sitting in Earthquake Zone*. A A Balkema. Rotterdam.