

DAFTAR PUSTAKA

- Andika Putra, Desta Mayor., Budi Wibowo, Nugroho., Darmawan, Denny., 2014, *Indeks Kerentanan Seismik Kabupaten Kulon Progo Berdasarkan Data Mikrotremor*. Prosiding Seminar Nasional Fisika, Yogyakarta : Universitas Negeri Yogyakarta.
- Badan Pusat Statistik Kulon Progo., 2015, *Kecamatan Temon Dalam Angka, Temon Sub-district in Figures 2009*. Kulon Progo: Badan Pusat Statistik.
- Badan Standarisasi Nasional, 2012, *Tata cara perencanaan ketahanan gempa untuk struktur bangunan gedung dan non gedung (SNI 1726:2012)*, BSN. Jakarta.
- Bemmelen, Van., 1949, *The Geology of Indonesia Vol-IA General Geologi of Indonesia and Adjacent Archipelagoes*. Government Printing Office, The Hague, Netherlands.
- Brigham, E.O., 1998. *The Fast Fourier Transform and Its Applications*. Prentice-Hall, Inc. United State of America.
- Daryono, Sutikno, Junun S., dan Dulbahri, 2009a, *Local Site Effect of Bantul Graben Based on Microtremor Measurement for Seismic Hazard Assessment, 2nd International Conference on 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 Satuan Bentuk lahan di Zona Graben Bantul. Daerah Istimewa Yogyakarta*. Disertasi. Program Pascasarjana Fakultas Geografi. Universitas Gadjah Mada. Yogyakarta.
- Douglas, J., 2004, *Ground Motion Estimation Equation 1964-2003*. Department of Civil dan Environmental Engineering Imperial College London South Kensington Campus, United Kingdom.
- Edwiza, Das., dan Novita, Sri., 2008, *Pemetaan percepatan tanah maksimum dan intensitas seismik kota padang panjang menggunakan metode kanai, ISSN: 0854-8471 No. 29 Vol.2 Thn. XV Laboratorium Geofisika Jurusan Teknik Sipil Unand*.

- Farid, M., 2014. *Studi Mikroseismik untuk Mendeteksi Laju Perubahan Garis Pantai Dengan Indikator Kerentanan Seismik, Peak Ground Acceleration Dan Groun Shear Strain Di Provinsi Bengkulu*. Disertasi. Universitas Gadjah Mada. Yogyakarta.
- Fauzi., Masturyono., Sulaiman, R., Nugroho, S., Subardjo., Wandono., Adi, R., Pasaribu, R., Mardiyono, R., Paritusta, R., Guswanto., Yuliana, R.R., Muzli., Ikbal., Karyono., R, Ariska., Gafur. A., 2005, *Aplikasi Sistem Informasi Geografi Untuk Peta Bencana Alam Di Indonesia*. BMKG
- Fukhusima, Y., dan Tanaka, T., 1990. *A new attenuation relation for peak horizontal acceleration of strong earthquake ground motion in Japan*. Bull of the seismological society of America. Soc. Am. 80, 757-783
- Gurler, E.D., Nakamura, Y., Saita, J., Sato, and T., 2000, *Local Site Effect of Mexico City Based on Microtremor Measurement*. 6th International Conference on Seismic Zonation, Palm Spring Riviera Resort, California, USA, pp.65.
- Handayani, L., Mulyadi, D., Dadan, D., Wardhana, dan Wawan H. Nur, 2009, *Percepatan Pergerakan Tanah Maksimum Daerah Cekungan Bandung: Studi Kasus Gempa Sesar Lembang*. JSDG Vol 19.
- Harlianto, Budi., 2013, *Pemetaan Percepatan getaran tanah maksimum, indeks Kerentanan seismik tanah, ground shear strain, dan Ketebalan lapisan sedimen untuk mitigasi bencana Gempabumi di kabupaten bengkulu utara*, Yogyakarta: Tesis, Program Studi S2 Ilmu Fisika, Jurusan Fisika FMIPA, Universitas Gadjah Mada.
- Huang, H., and Tseng, Y., 2002, *Characteristics of Soil Liquefaction Using H/V of Microtremor in Yuan-Lin Area, Taiwan*. TAO, Vol. 13, No. 3, 325- 338.
- Ibs-von, M. S., and Wohlenberg, J., 1999, *Microtremor Measurements Used to Map Thickness of Soft Sediments*, Bulletin of the Seismological Society of America, Vol. 89, No. 1, pp. 250-259, February 1999.
- Isihara, K., 1982, *Evaluation of Soil Properties for Use in Earthquake Response Analysis*. Proc. Int. Symp. On Numerical Model in Geomech, 237-259.
- Kanai, K., 1966, *Improved Empirical Formula for Characteristics of Stray (sic) Earthquake Motions*. Page 1-4 of: Proceedings of the Japanese Earthquake Symposium. Not seen. Reported in Trifunac & Brady (1975).

- Konno, K., and Ohmachi, T., 1998, *Ground Motion Characteristics Estimated from Spectral Ratio Between Horizontal to Vertical Components of Microtremor*, Bulletin of the Seismological of America, pp. 228-241.
- Mohamad, Mustapa, A., 2003, *Kajian Zona Kerentanan, Tingkat Bahaya Dan Resiko Gerakan Tanah Berdasarkan Penggunaan Lahan Untuk Pemukiman, Persawahan, Persawahan Dan Jalan Terhadap RTRW Kabupaten Kulon Progo*. Tesis, Program Pascasarjana, Universitas Diponegoro, Semarang.
- Motamed, R., Ghalandarzadeh, A., Tawhata, I. and Tabatabaei, S.H., 2007, *Seismic Microzonation and Damage Assessment of Bam City, Southern Iran*, Journal of Earthquake Engineering, 11:110-123.
- Mucciarelli, M., Gallipoli, M., R., 2004, *The HVSR Technique From Microtremor To Strong Motion: Emperical And Statistical Considerations*, 13th World Conference on Earthquake Engineering Vancouver, B.C., Canada, Paper No.45.
- Muson, R.M.W., 2002, *Intensity and intensity scales in IASPEI New manual of seismological observatory practice (NMSOP)*, Volume I, Editor P. Bormann, Geoforschungs Zetrum, Postdam, Germany.
- Mirzaoglu, M., and Dykmen, Ünal, 2003. *Application of microtremors to seismic microzoning procedure*. Balkan: *Journal of the Balkan Geophysical*, Vol. 6, No. 3. Hlm. 143 – 156.
- Nakamura, Y., 1989, *A Method for Dynamic Characteristic Estimation of Subsurface using Microtremor on The Ground Surface*. Q.R. of R.T.I. 30-1, P.25-33.
- Nakamura, Y., 2000, *Clear Identification of Fundamental Idea of Nakamura's, System and Data Research Co.Ltd.*, 3-25-3 Fujimedia, Kunitachi-shi, Tokyo.
- Nakamura, Y., 2008, *On the H/V Spectrum*. The 14th World Conference on Earthquake Engineering, Beijing, China.
- Nogoshi, M., and Igarashi, T., 1971, *On the Amplitude Characteristics of Microtremor (Part 2)*, Jour. Seism. Soc. Japan, 24, 26-40.
- Pitilakis, K., Gazepis, C., and Anastasiadis, A. 2004. *Design Response Spectra and Soil Classification for Seismic Code Provisions*. Canada: 13th World Conference on Earthquake Engineering.

- Raharjo, W., Sukandar, R., Rosidi H.M.D., 1995, *Peta Geologi Lembar Yogyakarta, Jawa*. Bandung : Pusat Penelitian dan Pengembangan Geologi.
- Refrizon., Hadi, Arif Ismul., Lestari, Kurnia., Oktari, Tria, 2013, *Analisis Percepatan Getaran Tanah Maksimum dan Tingkat Kerentanan Seismik Daerah Ratu Agung Kota Bengkulu*, Prosiding Semirata FMIPA Universitas Lampung, Fisika FMIPA UNIB.
- Riyadi, M., Nugroho, S., dan Ginanjar., G.P., 2010, *InaTEWS Konsep dan Implementasi*, Badan Meteorologi Klimatologi dan Geofisika, Jakarta.
- Saita, J., Bautista, M.L.P. and Nakamura, Y., 2004, *On Relationship Between the Estimated Strong Motion Characteristic of Surface Layer and the Earthquake Damage-Case Study at Intramuros, Metro Manila*, Paper No. 905, 13th World Conference on Earthquake Engineering, Vancouver, B.C., Canada.
- Sungkono dan Santosa, B.J., 2011. *Karakterisasi kurva horizontal-to-vertikal spectral ratio: kajian literature dan permodelan*. Jurnal Neutrino Vol.4, No.1.
- Tuladhar, R., 2004, *Seismic Microzonation of Greater Bangkok using Microtremor*, Thesis, Asian Institute of Technology, School of Civil Engineering, Thailand.
- USGS, 2017, Global Vs30 Map Server , diunduh pada tanggal 20 Februari 2017, dari <http://earthquake.usgs.gov/hazards/apps/vs30/custom.php>.
- USGS, 2017, Earthquake Catalog, diunduh pada tanggal 20 Februari 2017, dari http://earthquake.usgs.gov/earthquakes/eqarchives/epic/epic_rect.php.
- Wair, BR., dan Dejong, JT., 2012. *Guidelines for estimation of shear wave velocity profiles*. Pacific Earthquake Engineering Research Center Headquarters. University of California.
- www.hbud.dephub.go.id/ diakses pada tanggal 15 Maret 2017
- www.bnpb.go.id/ diakses pada tanggal 15 Maret 2017