DAFTAR PUSTAKA

Bappeda, Klaten. (2008). *Data Kerusakan Akibat Gempabumi 27 Mei 2006 (Laporan Perkembangan Penanganan Pasca Gempabumi Tektonik Di Kabupaten Klaten Provinsi Jawa Tengah).* Klaten: Bappeda.

Bappenas. (2006). *Preliminary Damage and Loss Assesment, Yogyakarta and Central Java Natural Disaster.* Jakarta: The Consultatif Group on Indonesia.

Bardet, & Tobita. (2001). *A computer program for nonlinear earthquake site response analysis of layered soil deposits.* California: Department of Civil Engineering, University Of Southern California.

BMKG. (2016). *Data Gempabumi dirasakan di DIY dan sekitarnya.* Yogyakarta.

BPS, Klaten. (2013). *Kabupaten Klaten Dalam Angka 2013.* Badan Pusat Statistik Kabupaten Klaten.

BPS, Klaten. (2016). *Kabupaten Klaten Dalam Angka 2016.* Badan Pusat Statistik Kabupaten Klaten.

BPS, Klaten. (2013). *Statistik Daerah Kabupaten Klaten 2013.* Badan Pusat Statistik Kabupaten Klaten.

BPS, Klaten. (2016). *Statistik Daerah Kabupaten Klaten 2016.* Badan Pusat Statistik Kabupaten Klaten.

Bulen, & Bolt. (1985). *An Introduction to the Theory of Seismology*. Cambridge University Press, 4th Edition, 509 pp.

Daryono. (2011). *Indeks Kerentanan Seismik Berdasarkan Mikrotremor pada setiap satuan bentuk Lahan di Zona Graben Bantul Daerah Istimewa Yogkarta.* Yogyakarta: Disertasi, Universitas Gadjah Mada.

Daryono, & T. R. (2007). *Data Mikrotremor dan Pemanfaatannya Untuk Pengkajian Bahaya Gempa Bumi*. Badan Meteorologu Klimatologi dan Geofisika.

Daryono, Sutikno, J. S., & K. S. (2009). *Local Site Effect of Graben Bantul Using Microtremor Measurement, Proceedings of international Conference Erath*

Science and Technology. Yogyakarta: Department of Geological Engineering Gajah Mada University.

Douglas, J. (2017). *Ground motion prediction equations 1964-2017*. United Kingdom: University of Strathclyde.

Elnashai. (2008). *Fundamentals of Erathquake Engineering.* United Kingdom: John Wiley and Son.

Gurler, Nakamura, Saita, & Sato. (t.thn.). Local Site Effect of Mexico City Based on Microtremor Measurement. *System and Data Research Co., Ltd, Tokyo 186-0003, Japan* .

Irjan dan Bukhori, A. (2010). Pemetaan Wilayah Rawan Bencana berdasarkan Data Mikroseismik Menggunakan TDS (Time Digital Seismograf) Type 303 Study Kasus : Kampus I UIN Maulana Malik Ibrahim Malang. *Jurnal Neutrino Vol.3 No.2* .

Ishihara, K. (1982). Evaluation of Soil Properties for use in Earthquake response analysis. *Proceedings International Symo. On Num. Model in Geomechanics*, (hal. 237-259).

Ishihara, K. (1978). Introduction to Dynamic Soil Mechanism. *in Japanese* .

Kanai. (1966). Improved Empirical Formula for Characteristics of Stray Earthquake Motion. *Proceedings of The Japanese Earthquake Symposium* (hal. 1-4). Japan: Reported In Trifunac & Brandy (1975).

Kanai. (1983). *Seismology and Engineering.* Japan: Tokyo University.

Kanai, K. (1951). Relation between the nature of surface layer and the amplitudes of earthquake motions I. *Earthquake Research Institute, Tokyo University* , 31-37.

Konno, & Ohmachi. (1998). Ground-Motion Characteristics Estimated from Spectral Ratio between Horizontal and Vertical Components of Microtremor. *Bull. Seism. Soc. Am., Vo. 88, No.1* , 228-241.

Litbang, BMKG. (2010). *Kajian Kerawanan Bahaya Gempabumi di Kabupaten Bantul DIY, Laporan Hasil Penelitian.* Yogyakarta: Litbang BMKG.

Mahajan, & Mundepi. (2012). Active seismic and passive microtremor HVSR for assesing site effects in Jammu City, NW Himalaya India-A Case Study. *Jurnal of Applied Geophysics* , 51-62.

Mulyati, S. (2015). *Kajian Kondisi Fisik Wilayah Rawan Gempabumi untuk Penilaian Kerentanan Fisik Bangunan di Kecamatan Wedi dan Kecamatan Gantiwarno Kabupaten Klaten.* Yogyakarta: Tesis, Universitas Gadjah Mada.

Murtono, A. (2013). *Analisis Mikrotremor dengan Metode HVSR (Nakamura) untuk Mikrozonasi Gempabumi Daerah Candi Plaosan dan Sekitarnya, Kabupaten Klaten, Provinsi Jawa Tengah.* Yogyakarta: Skripsi, Universitas Gadjah Mada.

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* , 25-33.

Nakamura, Y. (2007). Development of vulnerability assesment for ground and structures using microtremor. *System and Data Research Co., Ltd* .

Nakamura, Y. (2008). On The H/V Spectrum. *The 14th World Conference on Earthquake Engineering, October 12-17, 2008.* Beijing, China.

Nogoshi, & Igarashi. (1971). On the Amplitude Characteristic of Microtremor (Part 2) (in Japanese with English abstract). *Journal Seism. Soc. Japan, 24* , 26-40.

Raharjo, d. (1995). *Peta Geologi Kabupaten Klaten Skala 1:100.000.* Yogyakarta.

Ratnasari, D. W. (2017). *Analisis Nilai Indeks Kerentanan Tanah (Kg) dan Percepatan Tanah Maksimum (PGA) Berdasarkan Metode Horizontal to Vertical Spectral Ratio (HVSR) di Desa Gunung Gajah Kecamatan Bayat Kabupaten Klaten.* Yogyakarta: Skripsi, UIN Sunan Kalijaga.

Saita, J., B. M., & N. Y. (2004). On Relationship Between The Estimated Strong Motion Characteristic of Surface Layer and The earthquake damage - Case Study At Intramous, Metro Manila. *13 World Conference on Erathquake Engineering Vancouver, B.C., Canada August 1-6, 2004* , Paper No.905.

SESAME. (2004). *Guidelines for the Implementation of the H/V Spectral Ratio Technique on Ambient Vibratio Measurement, Processing and Interpretation.* European Commission - Reseacrh General Directorate.

Slob, S. (2007). *Micro Seismic Hazard Analysis, Earthquake Vulnerabilty and Multihazard Risk Assesment.* Geospatial Tools for Rehabilitation and Reconstruction Efforts, ITSC Netherlands.

Sungkowo, A. (2016). *Studi Kerentanan Sesimik dan Karakteristik Dinamik Tanah di Kota Yogyakarta dari Data Mikrotremor*. Yogyakarta: Tesis, Universitas Islam Indonesia.

USGS. (2018). *Search Earthquake Archives*. Dipetik April 5, 2018, dari http://earthquake.usgs.gov/earthquakes/map

Wibowo, N. B. (2017). Rasio Model Vs30 Berdasarkan Data Mikrotremor dan USGS di Kecamatan Jetis Kabupaten Bantul. *Jurnal Sains Dasar 2017 6 (1)* , 49-56.

Widodo. (2012). *Seismologi Teknik dan Rekayasa Kegempaan.* Yogyakarta: Pustaka Pelajar.

Yulistiani. (2017). *Potensi Likuifaksi berdasarkan Nilai Ground Shear Strain (GSS) di Kecmatan Prambanan dan Kecmatan Gantiwarno Kabupaten Klaten Jawa Tengah.* Yogyakarta: Skripsi, Universitas Negeri Yogyakarta.