

DAFTAR PUSTAKA

- Adib, A., Afzal, P., and Heydarzadeh, K., 2014, *Site Effect Classification Based on Microtremor Data Analysis Using a Concentration – Area Model*, Nonlin.Processes Geophys, Iran.
- Asikin, S., Handoyono, A., Prastistho, B., dan Gafoer, S., 1992, *Peta Geologi Lembar Banyumas, Jawa, Skala 1:100.000*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Asikin, S., Kartanegara, L., dan Uniputty, H., 1987, *Tatanan Stratigrafi dan Posisi Tektonik Cekungan Jawa Tengah Utara Selama Jaman Tersier*, PIT IAGI ke XVI, Bandung.
- Badan Nasional Penanggulangan Bencana, *Laporan Harian Pusdalops BNPB 5 September 2009*, Jakarta, Internet : www.bnpb.go.id.
- BNPB, 2012, *Peraturan Kepala Badan Nasional Penanggulangan Bencana Nomor 02 Tahun 2012 Tentang Pedoman Umum Pengkajian Risiko Bencana*, Jakarta
- BAKORNAS PB, 2007, *Pengenalan Karakteristik Bencana dan Upaya Mitigasinya di Indonesia*, Pelaksana Harian Badan Koordinasi Nasional Penanganan Bencana, Edisi II, Jakarta Pusat.
- Bemmelen, Van. R.W., 1949, *The Geology of Indonesia Vol. IA*, Government Printing Office, The Hague.
- Brotopuspito, K. S, 2012, *Percepatan Getaran Tanah Maksimum Akibat Gempa Bumi*, FMIPA, UGM.
- Brigham, O.E., 1974, *Fast Fourier Transform*, Prentice Hall, New Jersey.
- Daryono, Sutikno, Sartohadi, Dulbahri, Brotopuspito, 2009, *Pengkajian Local Site Effect di Graben Bantul Menggunakan Indeks Kerentanan Seismik Berdasarkan Pengukuran Mikrotremor*, Jurnal Kebencanaan Indonesia, 2(1) : 456-467.
- Dirgantara, F., 2008, *Pemetaan Amplifikasi Mikrozonasi Kabupaten Sleman, Provinsi Daerah Istimewa Yogyakarta Menggunakan Metode Horizontal to Vertical Spectral Ratio (HVSr)*, Skripsi S-1 Program Studi Geofisika, FMIPA UGM, Yogyakarta.
- Douglas, J., 2015, *Ground-Motion Prediction Equations 1964–2015*, Pasific Earthquake Engineering Research Center College of Engineering University of California, Berkeley.

- E. Soebowo., A. Tohari., Y. Kumoro., dan M.R. Daryono., 2009, *Sifat Keteknikan Bawah Permukaan di Daerah Pesisir Cilacap, Provinsi Jawa Tengah*, Bulletin Geologi Tata Lingkungan, Vol.19 No.2.
- Fauzi, 2001, *Peluncuran Peta Gempabumi dan Seminar Sehari*, Earthquake a Predictable Event, Jakarta.
- Elnashai, A.S. and Sarno, D.L., 2008, *Fundamental of Earthquake Engineering*, Antony Rowe Ltd, Chippenham, Wilts, England.
- Gosar, A., 2007, *Microtremor HVSR Study for Assesing Site Effect in the Bovec Basin (NW Slovenia) Related to 1998 Mw 5.6 and 2004 Mw 5.2 Earthquake*, Engineering Geology, 91, 178-193.
- Irsyam, M., Sengara, W., Aldiamar, F., Widiyantoro, S., Triyoso, W., Hilman, D., Kertapati, E., Meilano, I., Suhardjono, Asrurufak, M., and Ridwan, M., 2010, *Development of Seismic Hazard Maps of Indonesia for revision of Seismic Hazard Map in SNI 03-1726-2002*, Bandung.
- Kanai, K., 1983, *Engineering Seismology*, University of Tokyo Press, Japan.
- Konno, K., and Ohmachi, T., 1998, *Ground Motion Characteristic Estimated from Spectral Ratio Between Horizontal to Vertical Components of Microtremor*, Bulletin of the Seismological of America, pp. 228 – 241.
- Kramer, S.L., 1996, *Geotechnical Earthquake Engineering*, Prentice-Hall, Inc, London.
- Kusumaningsih, H., 2004, *Studi Respon Permukaan Lokal di Sambisari, Kalasan, Sleman dengan Menggunakan Teknik Horizontal to vertical Spectral Ratio (HVSR) dari Gelombang Seismik*, Skripsi S-1 Program Studi Geofisika, FMIPA UGM, Yogyakarta.
- Lennartz Electronic, 2011, *Reliable Measurements ; Seismometer General Description*, Jerman.
- Nakamura, Y., 1989, *A Method For Dynamic Characteristics Estimation of Subsurface*, Quarterly Reports Of The Railway Technical Research Institute, Tokyo, 30, 25-33.
- Nakamura, Y., 2000, *Clear Identification of Fundamental Idea of Nakamura's Technique and its Application*, World Conference of Earthquake Engineering.
- Nakamura, Y., 2008, *On the H/V Spectrum*. The 14th World Conference on Earthquake Engineering, Beijing, China.
- Palunggono, A., dan Martodjojo, S., 1994, *Perubahan Tektonik Paleogen – Neogen Merupakan peristiwa Tektonik Terpenting di Jawa*, Proceeding Geologi dan Geotektonik Pulau Jawa, Nafiri – Yogyakarta, hal 37-50.

- Pawirodikromo, W., 2012, *Seismologi Teknik dan Rekayasa Kegempaan*, Pustaka Pelajar, Yogyakarta.
- Schnabel, P., Seed Bolton H., and Lysmer, J., 1972, *Modification of Seismograph Records for Effects of Local Soil Conditions*, Bulletin of the Seismological Society of America, Vol. 62, No. 6 pp. 1649-1664.
- Slob, S., Hack, R., Scarpas, T., van Bemmelen, B., and Duque, A., 2002, *A Methodology for Seismic Microzonation using GIS and Shake – A Case Study from Armenia, Colombia*, Proceeding of 9th Congress of the International Association for Engineering Geology and the Environment, Durban, South Africa.
- SESAME European Research Project, 2004, *Guidelines for the Implementation of the H/V Spectral Ratio Technique on Ambient Vibrations Measurements, Processing and Interpretation*, European Commission - Research General Directorate.
- Setianegara, R., Arifin, S.S., Mulyanto, S.B., dan Marjiyono, 2013, *Penentuan Zona Rawan Guncangan Bencana Gempabumi Berdasarkan Analisis Nilai Amplifikasi HVSR Mikrotremor dan Analisis Periode Dominan Daerah Liwa dan Sekitarnya*, Jurnal Geofisika Eksplorasi Vol 2/No.1, Bandung.
- Simandjuntak, T.O., dan Surono, 1992, *Peta Geologi Lembar Pangandaran, Jawa, Skala 1:100.000*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Susilanto, P., dan Ngadmanto, D., 2014, *Analisis Kecepatan Gelombang Geser (Vs) di Cilacap, Jawa Tengah Sebagai Upaya Mitigasi Bencana Gempabumi*, Pusat Penelitian dan Pengembangan, Badan Meteorologi Klimatologi dan Geofisika, Jakarta.
- Tuladhar, R., Yamazaki, F., Warnitchai, P., and Saita, J., 2002, *Seismic Microzonation of the Greater Bangkok Area Using Microtremor Observations*, Earthquake Engineering and Structural Dynamics, Thailand.