

DAFTAR PUSTAKA

- Afnimar, 2009, Seismologi, Penerbit ITB, Bandung
- Anbazhagan, P., 2011, *Introduction to Engineering Seismology. National Programme on Technology Enhanced Learning (NPTEL)*.
- Arifin, S.S., Mulyanto, B.S., Marjiyono, Setianegara R., 2013, Penentuan Zona Rawa Guncangan Bencana Gempa Bumi Berdasarkan Analisis Nilai Amplifikasi HVSR Mikrotremor dan Analisis Periode Dominan Daerah Liwa dan Sekitarnya. *Jurnal Geofisika Eksplorasi* Vol. 2 No. 1.
- Badan Standarisasi Nasional (SNI) 1726., 2012, Tata Cara Perencanaan Ketahanan Gempa dan Struktur Bangunan Gedung dan non Gedung. Jakarta. Diakses dari <http://sni.litbang.pu.go.id/index.php?r=/sni/new/sni/detail/id/608> pada 20 November 2020.
- Bard, P.-Y., 1999, *Microtremor measurements: A tool for site effect estimation?. The Effects of Surface Geology on Seismic Motion*.
- Bignardi, S., Mantovani, A., and Abu Zeid, N., 2016, *OpenHVSr: Imaging the Subsurface 2D/3D Elastic Properties Through Multiple HVSR Modelling and Inversion. Computers and Geosciences- ISSN:0098-3004 vol. 93*.
- Grandis, H., 2009, Pengantar Pemodelan Inversi Geofisika. Himpunan Ahli Geofisika Indonesia (HAGI), Bandung.
- Hamilton, W., 1981, *Tectonics of the Indonesian region. Washington, D.C.: U.S. Dept. of the Interior, Geological Survey*.
- Herak, M., 2008, *ModelHVSR: a Matlab Tool to Model Horizontal-to-Vertical Spectral Ratio of Ambient Noise. Computers and Geosciences, 34, 1514-1526*.
- Herawati, 2015, Kajian Kerawanan Bahaya Gempabumi Di Kabupaten Bantul DIY. Laporan Hasil Pekerjaan. Pusat Penelitian Dan Pengembangan Badan Meteorologi Klimatologi Dan Geofisika.
- Horike, M., 2001, *Comparison of Site Response Characteristics Inferred from Microtremors and Earthquake Shear Waves. Bulletin of the Seismological Society of America, 91(6), pp.1526-1536*.
- Katili, J., 1975, *Volcanism and plate tectonics in the Indonesian island arcs. Tectonophysics, 26(3-4), pp.165-188*.

- Mirzaoglu, M. dan Dy'kmen, U., 2003, *Application of microtremors to seismic microzoning procedure*, *J. Balkan Geophysical Society* 6(3), 143–156.
- 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, Florence*.
- Nakamura, Y. (2000). *Clear identification of fundamental idea of Nakamura's technique and its applications*. *Proc XII World Conf. Earthquake Engineering*, New Zealand, 2656.
- Nandi., 2007, Longsor, Jurusan Pendidikan Geografi, FPIPS, UPI.
- Okada, H., 2003, *The Microtremor Survey Method*, *Society of Exploration Geophysicists*.
- Samodra, H., Gafour, S., dan Tjokrosapoutro, S., 1992, *Geologi Lembar Pacitan, Jawa*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- SESAME., 2004, *Site Effects Assessment Using Ambient Excitations*. *European Commission – Research General Directorate Project No. EVG1-CT-2000-00026 SESAME. Report of the WP04 H/V Technique: Empirical Evaluation*.
- Sunardi, B., Putri, E. N., Susilanto, P., dan Ngadmanto, D., 2017, Penerapan Metode Inversi HVSR Untuk Pencitraan 3-D Kecepatan Gelombang Geser (V_s) di Kulon Progo Bagian Selatan. *Jurnal Riset Geofisika Indonesia* Vol.1 No. 2 – Tahun 2017 : 47-53.
- Sungkono dan Santosa, B.J., 2011, Karakterisasi Kurva Horizontal to Vertical Spectral Ratio: Kajian Literatur dan Permodelan. *Jurnal Neutrino* Vol. 4 No. 1, Oktober 2011.
- Surat Keputusan Menteri Pertanian., 1980, *Kriteria dan Tata Cara Penetapan Hutan Lindung*, Kementrian Pertanian, Jakarta.
- Sutrisno, W. T., 2014, *Profilling Persebaran Kecepatan Gelombang Geser (V_s) Menggunakan Inversi Mikrotremor Spectrum Horizontal-to-Vertical Spectral Ratio (HVSR)*. Skripsi, Institut Teknologi Sepuluh Nopember, Surabaya.
- Suyanto, I., 2020, *Analisis Potensi Longsor Berdasarkan Nilai Shear Strain dan Kecepatan Gelombang Geser (V_s) di Desa Kasihan, Tegalombo, Pacitan, Jawa Timur*. Laporan Penelitian, Yogyakarta

- Towhata, I., 2008, *Geotechnical earthquake engineering*. Springer, Berlin Vucetic M, Dobry R (1970) *Effect of soil plasticity on Cyclic response*. *J Geotech Eng* 117:89–107.
- Wahyudi., 2008, Aplikasi Mikroseismik untuk memindai dan mengidentifikasi keberadaan Hidrokarbon. Karya Ilmiah FMIPA, Yogyakarta. Vol. 18 (2), 2008.
- Widodo., 2002, Bahan Kuliah Teknik Gempa. Jurusan Teknik Sipil FTSP, Universitas Islam Indonesia. Yogyakarta.