

DAFTAR PUSTAKA

- Afnimar. (2009). Seismologi. Institut Teknologi Bandung. Bandung.
- Aki, K. (1993). *Local site effects on weak and strong ground motion. Tectonophysics.* 218(1). 93-111.
- Brown, A.R., (2005). *Understanding Seismic Attribute, Geophysics*, vol 66, No1, P.47-48.
- Daryono., (2010). *Aktifitas Gempa Bumi Tektonik di Yogyakarta Menjelang Erupsi Merapi 2010.* Badan Meteorologi Klimatologi Geofisika (BMKG).
- Gracynthia, M. F. (2015). *Relokasi Hiposenter Gempa Bumi Menggunakan Metode Coupled Velocity-Hypocenter dan Local Earthquake Tomography Untuk Sesar Palu Koro.* Surabaya: ITS – Institut Teknologi Sepuluh Nopember.
- Gurler, Nakamura, Saita, & Sato. (2000). *Local Site Effect of Mexico City Based on Microtremor Measurement.* System and Data Research Co., Ltd, Tokyo 186-0003, Japan.
- Hartantyo, E. d. (2010). *Analysis on MASW Near and Far Offsets at High Vs Velocity Limestone.* Submitted to International Conferences of HAGI-SEG Joint Convention. Bali
- Hamilton, W., (1979). *Tectonics of the Indonesian Region.* Geol. Survey. Prof. Paper No. 178., USA
- Heisey, J. (1982). *Determination of in situ shear wave velocity from spectral analysis of surface waves.* The University of Texas at Austin: Tesis Master
- Jamaluddin dkk. (2018). *Jurnal Teknik Sipil Volume 7, Nomor 1.* Universitas Syiah Kuala.
- Laksono, A., Rasimeng, S., & Rustadi. (2018). *Interpretasi Nilai Kecepatan Gelombang Geser (V_s30) Menggunakan Metode Seismik Multichannel Analysis Of Surface Waves (MASW) Untuk Memetakan Daerah Rawan Gempa Bumi Di Kota Bandar Lampung.* Jurnal Geofisika Eksplorasi Vol. 3/ No. 3.
- Miller, Richard D. and Xia, Jianghai., (1999). *Using MASW to Map Bedrock in Olathe, Kansas.* Kansas Geological Survey. Kansas Geological Survey Open File Report No 99-9.
- Miller, R.D. Xia, J. and Park, C.B., (1999). *MASW to investigate Subsidence in the Tampa, Florida Area.* Kansas Geological Survey Open File Report 99-33. Report to ELM Consulting LLC, Olathe, Kansas.
- Mufida, A. (2013). *Profiling Kecepatan Gelombang Geser (V_s) Surabaya Berdasarkan Pengolahan Data Mikrotremor.* Jurnal Sains dan Seni Pomits, 2(2), 2337-3520.
- M. Muzli, R. Pandhu Mahesworo, R. Madijono, Siswoyo, S. Pramono, K.R. Dewi, Budiarta, O. Sativa, B. Sulisty, R. Swastikarani, N. Oktavia, Moehajirin, N. Efendi, T.A. Wijaya, B. Subadyo, Mujianto, Suwanto, S. Pramono. (2016). *Pengukuran V_s30 Menggunakan Metode Masw Untuk Wilayah Yogyakarta.* Jurnal Meteorologi dan Geofisika.
- Nakamura Y. (1989). *A Method for Dynamic Characteristic Estimation of Subsurface Using Microtremor on The Ground Surface.* Quarterly Report of Railway Technical Research Institute, vol. 30, 25-33.

- Nogoshi, M. and Igarashi, T. (1971). *On The Amplitude Characteristics Of Microtremor*, Part 2 (In Japanese with English abstract), J. Seism. Soc. Japan, 24, 26-40.
- Pajar Rizki W.M. (2023). *Identifikasi Jenis Tanah Menggunakan Metode Multichannel Analysis Of Surface Wave (Masw) Di Stasiun Geofisika Tangerang*. Sekolah Tinggi Meteorologi Klimatologi Dan Geofisika Tangerang Selatan.
- Park, C. B., Xia, J., and Miller, R. D., (1998a). *Ground roll as a tool to image near-surface anomaly: 68th Ann. Internat. Mtg., Soc. Expl. Geophys., Expanded Abstracts*, 874-877.
- Park, C.B, Miller, RD, & Miura, H. (2002). *Optimum Field Parameters Of An MASW Survey. Proceeding Society Of Exploration Geophysics*, (pp. 22-23). Tokyo, Japan.
- Park, C.B., Miller, R.D., and Xia, J., (1999). *Multichannel Analysis Of Surface Waves*, Geophysics, Vol. 64, No. 3 (May-June 1999); P. 800– 808 .
- Pramuji, Bram (2015) *Pengolahan Data Site Effect Di Kabupaten Bantul Berdasarkan Pengukuran Mikrotremor Dengan Studi Kasus Gempa Yogyakarta 27 Mei 2006*. Masters Thesis, Upn "Veteran" Yogyakarta.
- Rencana Pembangunan Jangka Menengah Daerah (RPJMD) Kabupaten Sleman tahun 2011. Pemerintah Sleman
- Rusydy, I., Jamaluddin, K., Fatimah, E., Syafrizal, & Andika, F. (2016). *Studi Awal: Analisa Kecepatan Gelombang Geser (Vs) Pada Cekungan Takengon Dalam Upaya Mitigasi Gempa Bumi*. Jurnal Teknik Sipil, 6, 1-12.
- Sanchez-Sesma F.J. (1987). *Site Effects on Strong Ground Motion Soil Dynamics And Earthquake Engineering* 6 2 124-32.
- Shearer, M. (2009). *Introduction to seismology*. In Cambrig University press. New York. USA.
- SNI 1726-2019. (2019). *Standar Perencanaan Ketahanan Gempa Untuk Struktur Bangunan Gedung*. Jakarta: Badan Standarisasi Nasional.
- Stokoe, K. I., Wright, S. G., Bay, J. A., & Roesset, J. M. (1994). *Characterization Of Geotechnical Sites By SASW Method*. In R. D. Woods, Technical. Review: Geophysical Characterization Of Sites (pp. 15-25). New Delhi: Oxford Publishers.
- Sunarjo dkk. (2012). *Gempa bumi Edisi Populer Badan Meteorologi Klimatologi dan Geofisika*. Jakarta.
- Telford, W. L. (1990). *Applied Geophysics Second Edition*. New York: Cambridge University.
- Valeria R. dkk., (2018). *Karakteristik Tanah Di Daerah Cekungan Bandung Berdasarkan Kecepatan Gelombang Geser (Vs30) Dengan Metode Masw (Multichannel Analysis Of Surface Wave)*. Jurusan Teknik Geofisika, Fakultas Teknik Universitas Lampung Bandar Lampung.
- Xia, J., Miller, R.D., Park, C.B., Hunter, J.A., dan Harris, J.B. (1999b). *Evaluation of the MASW technique in unconsolidated sediments: Technical Program with Biographies*, SEG, 69th Annual Meeting, Houston, TX, 437-440
- Xia, J. R. (2000). *Construction of 2-D vertical shear-wave velocity field by the multichannel analysis of surface wave technique. Proceedings of the Symposium on the Application of Geophysics to Engineering and*

Environmental Problems (SAGEEP 2000). Arlington, Va: February 20 - 24, p.

Yeluru Malati P. (2013). *Enhancing Usability of the Multi-channel Analysis of Surface Wave (MASW) Technique for Subsurface Physical Property Mapping by Incorporating Random-Array Seismic Acquisition*. University of Tennessee, Knoxville.

