

## DAFTAR PUSTAKA

- Adhif, R., & Andriani, W. (2019). Filtering Sinyal Suara Gitar Menggunakan Band Pass Filter. *InfoTekJar (Jurnal Nasional Informatika dan Teknologi Jaringan)*, 4(1), 57–60. <https://doi.org/10.30743/infotekjar.v4i1.1194>
- Athanassopoulos, G. A., Pelekis, P. C., & Anagnostopoulos, G. A. (2000). Effect of soil stiffness in the attenuation of Rayleigh-wave motions from field measurements. *Soil Dynamics and Earthquake Engineering*, 19(4), 277–288. [https://doi.org/10.1016/S0267-7261\(00\)00009-9](https://doi.org/10.1016/S0267-7261(00)00009-9)
- Chandra Dutta, S. (2018). Bearing Capacities of Backfilled Soil from Maswtest: A Quick and Convenient Methodology. *Civil Engineering Research Journal*, 4(4), 1–3. <https://doi.org/10.19080/cerj.2018.04.555644>
- Chaumont-olive, P., Sánchez-quesada, J., María, A., Pérez, C., & Cossy, J. (2009). A Comparative Analysis of Seismic Response of Shallow Buried Underground Structure under Incident P, SV and Rayleigh Waves. *Tetrahedron*, 110, 131932. <https://doi.org/10.1016/j.eqrea.2022.100179>
- Chiemeke, C. (2021). *Kategorisasi Tanah Menggunakan Pemetaan Vs30 , untuk Mengevaluasi Kemungkinan Efek Struktural dari Gempa Bumi pada a Situs Konstruksi yang Diusulkan*. <https://doi.org/10.47001/IRJIET/2021.50601>
- Direktorat Jenderal Sumber Daya Air. (2013). *Standar Perencanaan irigasi. Kriteria Perencanaan Bagian Parameter Bangunan KP - 06.* 10.
- Foti, S., Lai, C., Rix, G. J., & Strobbia, C. (2014). Surface Wave Methods for Near-Surface Site Characterization. In *Surface Wave Methods for Near-Surface Site Characterization*. <https://doi.org/10.1201/b17268>
- Indanartha, N. G., Warnana, D. D., & Widodo, A. (2018). Aplikasi Metode Multichannel Analysis Of Surface Wave (MASW) Sebagai Evaluasi Tapak Lokal Surabaya. *Jurnal Geosaintek*, 4(2), 63.
- Ivanov, J., Miller, R. D., Peterie, S., Zeng, C., Xia, J., & Schwenk, T. (2011). *Multi-channel analysis of surface waves ( MASW ) of models with high shear-wave velocity contrast SEG San Antonio 2011 Annual Meeting MASW and high Vs contrast SEG San Antonio 2011 Annual Meeting*. 1384–1390.
- Linda, F. N., Lepong, P., & Djayus. (2019). Interpretasi Kecepatan Gelombang Seismik Refraksi Tomografi Dalam Penentuan Litologi Bawah Permukaan di Desa Bhuana Jaya (Studi Kasus: PT. Khotai Makmur Insan Abadi). *Jurnal Geosains Kutai Basin*, 2(2).
- Massinai, M., A., Syam, M., R., dan Massinai, M.,F.,I. (2022). *Characteristics of*

- Rocks Mineral of the Camba Formation. Advances of Physics Research*, 5, 95
- Meunier, J. (2011). *Seismic Acquisition from Yesterday to Tomorrow*. Society of Exploration Geophysicists.
- Mohammed, M. A., Abudeif, A. M., & Abd el-aal, A. K. (2020). Engineering geotechnical evaluation of soil for foundation purposes using shallow seismic refraction and MASW in 15th Mayo, Egypt. *Journal of African Earth Sciences*, 162(October 2019), 103721.  
<https://doi.org/10.1016/j.jafrearsci.2019.103721>
- Muhtar, A. A. (2016). Estimasi Karakteristik Dinamis Tanah Untuk Pemetaan Daerah Rawan Bencana Gempa Bumi Berdasarkan Data Pengukuran Mikrotremor di Kota Solol. *Jurnal Dialog dan Penanggulangan* ..., 7(2).
- Munim, A., Sappewali, S., & Wahyuni, A. (2020). Identifikasi Kedalaman Akuifer Daerah Tempat Pembuangan Akhir (Tpa) Antang Makassar Menggunakan Metode Geolistrik Konfigurasi Wenner. *Jurnal Sains dan Pendidikan Fisika*, 16(3), 279. <https://doi.org/10.35580/jspf.v16i3.16193>
- Nur, F. (2013). Analisis Kualitas Air Tanah Di Sekitar Tpa Tamangapa Dengan Parameter Biologi. *Jurnal Teknik Lingkungan Universitas Hasanuddin*, 2(2), 1–8.
- Olafsdottir, E. A., Bessason, B., & Erlingsson, S. (2018). Combination of dispersion curves from MASW measurements. *Soil Dynamics and Earthquake Engineering*, 113(May 2017), 473–487.  
<https://doi.org/10.1016/j.soildyn.2018.05.025>
- Park, C. B., Miller, R. D., & Xia, J. (1999). Multichannel analysis of surface waves. *Geophysics*, 64(3), 800–808. <https://doi.org/10.1190/1.1444590>
- Park, C. B., Miller, R. D., Xia, J., Hunter, J. A., & Harris, J. B. (1999). Higher mode observation by the MASW method. *1999 SEG Annual Meeting*.  
<https://doi.org/10.1190/1.1821070>
- Renou, S., Givaudan, J. G., Poulain, S., Dirassouyan, F., & Moulin, P. (2008). Landfill leachate treatment: Review and opportunity. *Journal of Hazardous Materials*, 150(3), 468–493. <https://doi.org/10.1016/j.jhazmat.2007.09.077>
- Rosyidi P., S. A. (2015). Pemetaan Daya Dukung Tanah dan Diskontinuitas Struktur Tanah Dasar menggunakan Metode Multi Channel Analysis of Surface Waves (MASW). *Seminar Nasional Teknik Sipil*, 2004, 161–169.
- SNI 1726:2012. (2003). Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Non Gedung. *Rethinking Marxism*, 15(3), 316–325.  
<https://doi.org/10.1080/0893569032000131613>
- Sukamto, R., & Supriatna, S. (1982). Geologi lembar Ujung Pandang, Benteng

- dan Sinjai quadrangles, Sulawesi. In *Geological Research and Development Centre, Bandung* (1 ed.). The Geological Research and Development Centre Directorate General of Mines.
- Suroso, P., & Tjitradi, D. (2020). Analisis Daya Dukung Pondasi Menggunakan Hasil Uji CPT Dan Uji Laboratorium Pada Bangunan Guest House. *Buletin Profesi Insinyur*, 3(2), 118–121. <https://doi.org/10.20527/bpi.v3i2.85>
- Suto, K. (2013). *MASW Surveys in Landfill Sites in Australia. June*, 674–678.
- Syamsuddin, E., Assegaf M. H. (2021). *Dasar-Dasar Akuisisi Data MASW Dan Mikrotremor*. Unhas Press.
- Syamsurijal Rasimeng, Agung Laksono, R. (2017). Interpretasi Nilai Kecepatan Gelombang Geser (Vs 30) Menggunakan Metode Seismik Multichannel Analysis Of Surface Wave (Masw) Untuk Memetakan Daerah Rawan Gempa Bumi Di Kota Bandar Lampung. *Jurnal Geofisika Eksplorasi*, 3.
- Tanjung, N. A. F., Yuniarto, H. P., & Widyawarman, D. (2019). Analisis Amplifikasi Dan Indeks Kerentanan Seismik Di Kawasan Fmipa UGM Menggunakan Metode HVSR. *Jurnal Geosaintek*, 5(2), 60.
- Tezcan, S. S., Ozdemir, Z., & Keceli, A. (2009). Seismic technique to determine the allowable bearing pressure for shallow foundations in soils and rocks. *Acta Geophysica*, 57(2), 400–412. <https://doi.org/10.2478/s11600-008-0077-z>
- Thorikul Huda, Anjelica Preccilia Amor, Y. T. K. P. (2019). Studi Perencanaan Pembangkit Listrik Tenaga Sampah Pada TPA Sambutan Kota Samarinda Studi Perencanaan Pembangkit Listrik Tenaga Sampah Pada TPA Sambutan Kota Samarinda. *SPECTA Journal of Technology, August*, 18–26.
- W.M. Telford, L.P. Geldart, R. E. S. (1990). *Applied Geophysics* (1 ed.). Cambridge University Press.
- Watabe, Y., & Sassa, S. (2008). Application of MASW technology to identification of tidal flat stratigraphy and its geoenvironmental interpretation. *Marine Geology*, 252(3–4), 79–88. <https://doi.org/10.1016/j.margeo.2008.03.007>
- Yeganeh, N., Fatahi, B., & Terzaghi, S. (2017). Effects of shear wave velocity profile of soil on seismic response of high rise buildings. *Proceedings - IACMAG 2017, 15th International Conference of the International Association for Computer Methods and Advances in Geomechanics, October*, 920–928.