

DAFTAR PUSTAKA

- Anbazhagan, P., Sitharam, T.G. and Vipin, K.S. (2008), *Site classification and estimation of surface level seismic hazard using geophysical data and probabilistic approach*, Journal of Applied Geophysics, 68(2), pp. 219–230.
- Andrus, R.D. and Stokoe, K.H., II (2000), *Liquefaction Resistance of Soils from Shear-Wave Velocity*, Journal of Geotechnical and Geoenvironmental Engineering, 126(11), pp. 1015–1025.
- Arifin, S.S., Mulyatno, B.S., Marjiyono., Setianegara, R. (2014), *Penentuan Zona Rawan Guncangan Bencana Gempa Bumi Berdasarkan Analisis Nilai Amplifikasi HVSR Mikrotremor dan Analisis Periode Dominan Daerah Liwa dan Sekitarnya*, JGE (Jurnal Geofisika Eksplorasi), 2(01), pp. 30–40.
- Awaluddin, I. (2023), *Arahan Pengembangan Infrastruktur Wilayah Pesisir Kecamatan Galesong Utara Kabupaten Takalar*, Plano Madani Jurnal Perencanaan Wilayah Dan Kota, 12(1), pp. 97–106.
- Blott, S.J. and Pye, K. (2001), *GRADISTAT: a grain size distribution and statistics package for the analysis of unconsolidated sediments*, Earth Surface Processes and Landforms, 26(11), pp. 1237–1248.
- Choudhary, S.S., Burman, A. and Kumar, S. (2024), *Prediction of Liquefaction Probability Based on Simplified and Ground Response Analysis Method*, Lecture notes in civil engineering, pp. 45–53.
- Daryono (2011), *Indeks Kerentanan Seismik Berdasarkan Mikrotremor pada Setiap Satuan Bentuklahan di Zona Graben Bantul, Daerah Istimewa Yogyakarta*, Disertasi, Program Pascasarjana Fakultas Geografi, Universitas Gadjah Mada, Yogyakarta.
- Delgado, J., Casado, C. L., Estevez, A., Giner, J., Cuenca, A., Molina, S. (2000), *Mapping soft soils in the segura river valley SE Spain : a case study of microtremors as an exploration tool*. Journal of Applied Geophysics 45 pp 19–32.
- Firdaus, F., Chaerul, M. and Gusty, S. (2022), *Analysis of vulnerability level of beach abration disaster in the District of North Galesong, Takalar Regency*, ASTONJADRO, 11(3), p. 576.
- Hiola, M, F, H. (2022), *Mikrozonasi dan Prediksi Potensi Likuifaksi Kecamatan Pasimarannu, Kabupaten Kepulauan Selayar*. Tesis. Universitas Negeri Makassar.
- Idriss, I. M., dan Boulanger, R. W. (2008), *Soil liquefaction during earthquakes*. EERI.

- Indra. (2011), Penggunaan Dual Pass Diferential Deformasi (Studi Kasus: Sesar Palu Koro). Skripsi. ITB, Jawa Barat, Bandung.
- Kanai, K. (1983), *Seismology in Engineering*, Tokyo University, Japan.
- Kanai dan Tanaka. (1961), On Microtremors VIII. Buletin Institut Penelitian Gempabumi. Hal 97-114.
- Karnaen, M., Suriamihardja, D.A., Maulana, A., Jaya, A. (2019), The microzonation of vulnerable earthquake zone in Sorowako city using microtremor, IOP Conference Series Earth and Environmental Science, 235, p. 012045.
- Larasati, K.D., Pamungkas, A., Nurlaela, S., S. Nurlaela. (2019), Building Permit Regulation in Surabaya: A Review towards a Risk Management Perspective, International Journal of Engineering Research & Technology (IJERT) vol 08, Issue 07.
- Massinai, M.F.I., Lantu, Aswad, S., Massinai, A. (2015), Tectonics earthquake distribution pattern analysis based focal mechanisms (Case study Sulawesi Island, 1993–2012), AIP Conference Proceedings [Preprint].
- Marjiyono, N., Setiadi, I. and Setiawan, J. (2021), The Estimation of Seismic *Site* Amplification of Bukittinggi City, West Sumatera, Indonesia, IOP Conference Series Earth and Environmental Science, 873(1), p. 012009.
- Maulana, A. (2019), Geological constraints for disaster mitigation model in South Sulawesi, Journal of Physics Conference Series, 1341(5), p. 052004.
- Mirzaoglu, M. & Dykmen, U., 2003, Application of Microtremor to Seismic Microzoning Procedure, Journal of The Balkan Geophysical Society, Vol. 6 No.3.
- Mittal, K. (2017), Seismic Microzonation: A Case Study, Civil Engineering Research Journal, 1(3).
- Mufida, A., Santosa, B. J., & Warnana, D. D. (2013), Inversi Mikrotremor Spektrum H/V untuk Profilling Kecepatan Gelombang Geser (Vs) Lapisan Bawah Permukaan dan Mikrozonasi Wilayah Surabaya in Teknik POMITS, pp. 18
- Muzli, M., Mahesworo, R. P., Madijono, R., Siswoyo, Pramono,S., Dewi, K.R., Budiarta., Sativa, O., Sulisty, B., Swastikarani, R., Oktavia, N., Moehajirin., Efendi, N., Wijaya, T.A., Subadyo, B., Mujianto., Suwarto., Pramono, S. (2016), Pengukuran VS30 Menggunakan Metode MASW untuk Wilayah Yogyakarta, 17(1).

- Muzli, M., Kambali, R. A. P., Rohadi, S., Rachman, A.S., Nugraha, J., Susilanto, P., Sulastri., Pakpahan, S., Setyonegoro, W., Florida, N.R., and Karnawati, D. (2021), MASW for the microzonation of earthquake hazard in Banjar City, West Java, Indonesia, IOP Conference Series Earth and Environmental Science, 716(1), p. 012032.
- Nakamura, Y. (1989), A method for dynamic characteristic estimation of subsurface using mikrotremor on the ground surface. Rep. Railway Tech. Research Institute Tokyo, Vol 30, 25-33.
- Nakamura, Y., (2000), Clear Identification of Fundamental Idea of Nakamura's Technique and Its Application, In: Proceedings of 12th World Conference on Earthquake Engineering, New Zealand.
- Nakamura, Y., 2008, *On The H/V Spectrum*, The 14th World Conference on Earthquake Engineering, Beijing, China.
- Natawidjaja, D.H. and Daryono, M.R. (2015), The Lawanopo Fault, central Sulawesi, East Indonesia, AIP Conference Proceedings [Preprint].
- Nurrahmi., Efendi, R., Sandra. (2015). Analisis Kecepatan Gelombang Geser Vs30 Menggunakan Metode Refraksi Mikrotremor (Remi) Di Kelurahan Talise. Gravitasi, Vol. 14, No.1, 7-12.
- Park, C.B., Miller, R.D. and Xia, J. (1999), Multichannel analysis of surface waves, Geophysics, 64(3), pp. 800–808.
- Pawirodikromo, W. (2012), Seismologi Teknik dan Rekayasa Kegempaan. Penerbit Pustaka Pelajar, Yogyakarta.
- Peraturan Daerah Kabupaten Takalar No.6 Tahun 2012 tentang Rencana Tata Ruang Wilayah Kabupaten Takalar Tahun 2012-2031.
- Perdana, Ade. (2013), Analisis Sedimen Kuartar dan Zona Kerentanan Seismik berdasarkan Pengukuran Mikrotremor (Studi Kasus Kabupaten Gowa dan Kota Makassar), Tesis, Program Pascasarjana, Teknik Geologi, Universitas Hasanuddin.
- Prayitno, D.P. dan Artati, H.A., (2021), Analisis Potensi Likuifaksi Berdasarkan Distribusi Ukuran Butir Tanah dan Data Cone Penetration Test (CPT), Media Komunikasi Teknik Sipil.
- Pusat Studi Gempa Nasional (2017). Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017 Pusat Litbang Perumahan dan Pemukiman, Bandung.
- Rahayu, T., Nasution, Z., Rusyanto., Karnawati, D. (2022), Regional zonation based on seismic vulnerability using local *site* effect analysis and potential

damage to the city of Medan (North Sumatra, Indonesia) due to earthquake, *Geoenvironmental Disasters*, 9(1).

- Rosgen, DL. (1994) A Classification of Natural Rivers, *Catena*. 22:169-199.
- Rosyidi. S. A. P (2020), Analisis Potensi Likuifaksi Tanah Berbasis Teknik Gelombang Seismik. ISBN : 978-602-6941-54-1.
- Rusdin, A.A. dan Hadmoko, D.S. (2015), Analisis Pengaruh Karakteristik Sedimen Terhadap Indeks Kerentanan Seismik Kota Makassar, *Prosiding Seminar MEA 2016* [Preprint].
- Sukanto dan Supriatna. (1982), Peta geologi lembar Ujungpandang, Benteng dan Sinjai. Direktorat Geologi. Departemen Pertambangan: Bandung.
- Sompotan, A F., (2012), Struktur Geologi Sulawesi, Perpustakaan Sains Kebumihan, Institut Teknologi Bandung.
- Subakti, H. dan Renagustriani, W. (2022), Analisis Potensi Likuifaksi menggunakan Data Kecepatan Gelombang Geser (Vs), *Progress: Jurnal Fisika*, No.1 Volume 1.
- Tuladhar. R., Yamazaki. F., Warnitchai. P., and Saita. J. 2003. Seismic microzonation of greater Bangkok area using microtremor observations. *Jurnal Earthquake Engineering Strcuture Vol 33:211-225*.
- Uchida, N. and Bürgmann, R. (2019), Repeating Earthquakes, *Annual Review of Earth and Planetary Sciences*, 47(1), pp. 305–332.
- Vita, A.N., Perdana, Y.H., Ngadmanto, D., Rohadi, S. (2021), *Site effect study of Garut regency using microtremor measurement*, AIP Conference Proceedings [Preprint].
- Wenzel, H. and Achs, G. (2007) Seismic Microzonation in The Vienna Basin, International Conference.
- Yanuar, M.A., R.S, Dewi., W, Handayani., Yuwanto, S. (2023), Perkembangan Metropolitan Mamminasata: tinjauan kesenjangan aspek sosial-ekonomi dan tata kelola wilayah, *Region Jurnal Pembangunan Wilayah Dan Perencanaan Partisipatif*, 18(1), p. 194.