



DAFTAR PUSTAKA

- Aminzadeh, F., & Dasgupta, S. N., 2013. Chapter 6 - Reservoir Characterization. Elsevier, Volume 60, pp. 151-189.
- Ali, M. Y., Berteussen, K. A., Small, J., & Barkat, B. (2009). Low-frequency passive seismic experiments in Abu Dhabi, United Arab Emirates: implications for hydrocarbon detection. *Geophysical Prospecting*, 58(5), 875–899. <https://doi.org/10.1111/j.1365-2478.2009.00835.x>
- Ali, M. Y., Barkat, B., Berteussen, K. A., & Small, J. (2013). A low-frequency passive seismic array experiment over an onshore oil field in Abu Dhabi, United Arab Emirates. *Geophysics*, <https://doi.org/10.1190/geo2012-0054.1> 78(4), B159–B176.
- Bard, P.-Y. (1998). Microtremor measurements: A tool for site effect estimation? Second International Symposium on the Effects of Surface Geology on Seismic Motion, 1251–1279.
- Brigham, E. O., & Morrow, R. E. (1967). The fast fourier transform. LTV ElectroSystems, Inc.
- Dangel, S., Schaepman, M. E., Stoll, E. P., Carniel, R., Barzandji, O., Rode, E.-D., & Singer, J. M. (2003). Phenomenology of tremor-like signals observed over hydrocarbon reservoirs. *Journal of Volcanology and Geothermal Research*, 128(1–3), 135–158. [https://doi.org/10.1016/S0377-0273\(03\)00251-8](https://doi.org/10.1016/S0377-0273(03)00251-8)
- Graf, R., Schmalholz, S. M., Podladchikov, & Saenger, E. H. (2007, January). Passive low frequency spectral analysis: Exploring a new field in geophysics. *World Oil*, 47–52.
- Hall, R. (2012). Late Jurassic–Cenozoic reconstructions of the Indonesian region and the Indian Ocean. *Tectonophysics*, 570–571, 1–41. <https://doi.org/10.1016/j.tecto.2012.04.021>
- Hanifan, A., Widhi, H., Faisal, M. I., & Wahyuningtyas, S. (2016, February). Seismik Pasif: Fenomena Gelombang Berfrekuensi Rendah Penanda Keberadaan Reservoir Minyak Dan Gas Bumi Dalam Explorasi Hidrokarbon. IATMI Youth Energy Challenge.
- Holzner, R., Eschle, P., Dangel, S., & Narayanan, C. (2007). Hydrocarbon Related Microtremors – Verification of an Analytical Oscillator Model by the Navier-Stokes Equations. 69th EAGE Conference and Exhibition Incorporating SPE EUROPEC 2007. <https://doi.org/10.3997/2214-4609.201401876>
- Jurkevics, A. (1988). The polarization analysis of three-component array data. *Bulletin of the Seismological Society of America*, 78(5), 1725–1743.



<https://doi.org/10.1785/BSSA0780051725>

- Lambert, M., Nguyen, T., Saenger, E. H., & Schmalholz, S. M. (2011). Spectral analysis of ambient ground-motion—*Noise* reduction techniques and a methodology for mapping horizontal inhomogeneity. *Journal of Applied Geophysics*, 74(2–3), 100–113. <https://doi.org/10.1016/j.jappgeo.2011.04.007>
- Lambert, M., Schmalholz, S. M., Saenger, E. H., & Steiner, B. (2008). Low-frequency microtremor anomalies at an oil and gas field in Voitsdorf, Austria. *Geophysical Prospecting*, 57(3), 393–411. <https://doi.org/10.1111/j.1365-2478.2008.00734.x>
- Okada, H., & Suto, K. (2003). 2. Fundamental Properties of Microtremors. In *The Microtremor Survey Method* (pp. 3–16). Society of Exploration Geophysicists. <https://doi.org/10.1190/1.9781560801740.ch2>
- Paarmann, L. D. (2001). *Design and analysis of analog filters: A signal processing perspective*. Springer. <https://doi.org/10.1007/b100752>
- Priyono, A., Ry, R. V., Nugraha, A. D., Lesmana, A., Prabowo, B. S., Husni, Y. M., Ardianto, A., Witarsa, N., & Sutan, B. I. (2024). On the use of low-frequency passive seismic as a direct hydrocarbon indicator: A case study at Banyubang oil field, Indonesia. *Open Geosciences*, 16(1). <https://doi.org/10.1515/geo-2022-0587>
- Rigo, A., Sokos, E., Lefils, V., & Briole, P. (2021). Seasonal variations in Amplitudes and resonance frequencies of the HVSr amplification peaks linked to groundwater. *Geophysical Journal International*, 226(1), 1–13. <https://doi.org/10.1093/gji/ggab086>
- Saenger, E. H., Schmalholz, S. M., Lambert, M.-A., Nguyen, T. T., Torres, A., Metzger, S., Habiger, R. M., Müller, T., Rentsch, S., & Méndez-Hernández, E. (2009). A passive seismic survey over a gas field: Analysis of low-frequency anomalies. *GEOPHYSICS*, 74(2), O29–O40. <https://doi.org/10.1190/1.3078402>
- Satyana, A. H. (2015). *Petroleum systems of collided and foreland basins in Indonesia: Foreland basins of Sumatra, Banggai, and Buru*. Presentation, IPA Short Course
- Setiawan, V. N. (2024). Produksi Minyak RI Ambles Terus, 2024 Gimana? Menteri ESDM: Berat! Jakarta: CNBC INDONESIA.
- Sharma, A. K. (2019). An Application of low Frequency Passive Seismic (LFPS) for Hydrocarbon Detection in a X- Field of Mehsana Block ,Cambay Basin in interpretation perspective- A Case Study . 13th Biennial International Conference and Exhibition
- Surono. (2013). *Geologi Lengan Tenggara Sulawesi*. Bandung: Badan Geologi, Kementerian Energi dan Sumber Daya Mineral.



- Welch, P. D. (1967). The use of fast Fourier transform for the estimation of power spectra: A method based on time averaging over short, modified periodograms. *IEEE Transactions on Audio and Electroacoustics*, 15(2), 70–73. <https://doi.org/10.1109/TAU.1967.1161901>
- Zakaria, Z., & Sidarto. (2015). Tectonic activities in the Sulawesi and surrounding area since Mesozoics to recent as the impacts of tectonic activity of the surrounding main plate tectonics. *Jurnal Geologi dan Sumberdaya Mineral*, 16(2), 73–82
- Zhan, Z., Tsai, V. C., & Clayton, R. W. (2013). Spurious velocity changes caused by temporal variations in ambient *noise* frequency content. *Geophysical Journal International*, 194(3), 1574–1581. <https://doi.org/10.1093/gji/ggt170>