

## DAFTAR PUSTAKA

- Alzwar, M., Akbar, N., & Bachri, S. (1992). *Peta Geologi Lembar Garut dan Pameungpeuk, Jawa, Skala 1:100.000*.
- Anissofira, A. (2013). *PENENTUAN STRUKTUR PATAHAN DI LAPANGAN PANAS BUMI "X" DENGAN MENGGUNAKAN METODE RELOKASI RELATIF KASUS GEMPA MIKRO* [Universitas Pendidikan Indonesia]. <https://repository.upi.edu/1934/>
- Armstead, H., & Christopher, H. (1978). *Geothermal Energy, Its Past, Present and Future Contributions to Energy Needs of Man* (2nd Edition). Spon Pr.
- Asikin, S. (1997). *Geologi Struktur Indonesia*. Institut Teknologi Bandung.
- Asmorowati, D., Eng, M., Lukmana, A. H., & Pengantar, K. (2019). *3D MODELING RESERVOIR GEOTHERMAL* (Rizqi Mahfudz Prasetyo & Muhammad Rizqi Sanyoto (eds.)).
- Bachmann, C. E., Wiemer, S., Goertz-Allmann, B. P., & Woessner, J. (2012). Influence of pore-pressure on the event-size distribution of induced earthquakes. *Geophysical Research Letters*, 39(9), 1–7. <https://doi.org/10.1029/2012GL051480>
- Ballmer, S., Wolfe, C. J., Okubo, P. G., Haney, M. M., & Thurber, C. H. (2013). Ambient seismic noise interferometry in Hawai'i reveals long-range observability of volcanic tremor. *Geophysical Journal International*, 194(1), 512–523. <https://doi.org/10.1093/gji/ggt112>
- Bemmelen, V. (1949). *The Geology of Indonesia*. Netherlands Government Printing.
- Bensen, G. D., Ritzwoller, M. H., Barmin, M. P., Levshin, A. L., Lin, F., Moschetti, M. P., Shapiro, N. M., & Yang, Y. (2007). Processing seismic ambient noise data to obtain reliable broad-band surface wave dispersion measurements. *Geophysical Journal International*, 169(3), 1239–1260. <https://doi.org/10.1111/j.1365-246X.2007.03374.x>
- Červený, V., I. A. Molotkov, and I. P. (1977). *Ray method in seismology*. Univerzita Karlova.
- Dewan Energi Nasional. (2024). *Outlook Energi Indonesia 2024*.

<https://www.den.go.id/publikasi/Outlook-Energi-Indonesia#>

- Droznin, D. V., Shapiro, N. M., Droznina, S. Y., Senyukov, S. L., Chebrov, V. N., & Gordeev, E. I. (2015). Detecting and locating volcanic tremors on the Klyuchevskoy group of volcanoes (Kamchatka) based on correlations of continuous seismic records. *Geophysical Journal International*, 203(2), 1001–1010. <https://doi.org/10.1093/gji/ggv342>
- Elnashai, A. S., & Di Sarno, L. (2008). *Fundamentals of Earthquake Engineering*. Wiley. <https://doi.org/10.1002/9780470024867>
- Geiger, L. (1910). Herdbestimmung bei Erdbeben aus den Ankunftszeiten. *Nachrichten von Der Gesellschaft Der Wissenschaften Zu Göttingen*, 331–349. <http://eudml.org/doc/58769>
- Hagiwara, T., & Rikitake. (1967). *Japanese Program on Earthquake Prediction*. 157(3790), 761–768.
- Hakim, A. F., Krismadiana, Sholihah, F., Riva Ismawati, & Nuryunita Dewantari. (2022). Indonesian Journal of Conservation. *Indonesian Journal of Conservation*, 2, 71–77. <https://doi.org/DOI 10.15294/ijc.v1i1i2.40599>
- Hamilton, W. (1979). Tectonic of the Indonesia Region. *Geological Survey Professional Paper*, 1078.
- Hermawan, I. B., Rachmat, M., Afnimar, Pratama, A. B., Lawrens, F., Prabowo, B. S., Delliansyah, R., Ryannugroho, R., Hakim, F. Al, Widyoyudo, W., Iskandar, C., & Fajri, R. J. (2023). Preliminary Estimation of Geological Structure Based on Relocated Hypocenter of Microearthquake: Case Study at “X” Geothermal Field. *IOP Conference Series: Earth and Environmental Science*, 1159(1), 012010. <https://doi.org/10.1088/1755-1315/1159/1/012010>
- Hijriani, A., Sahara, D. P., Nugraha, A. D., Ramadhan, I., & Sidik, R. P. (2017). Peningkatan Akurasi Lokasi Gempa Mikro Dengan Menggunakan Metoda Double-Difference Dan Korelasi Silang Master Waveform. *Jurnal Geofisika*, 15(3), 21. <https://doi.org/10.36435/jgf.v15i1.33>
- Hilyah, A., & Utama, W. (2016). Pengaruh Patahan dan Induksi Seismik pada Sistem Geothermal Studi Kasus Lapangan Geothermal Kamojang. *Jurnal Geosaintek*, 2(1), 91–96. <https://doi.org/10.12962/j25023659.v2i1.1235>

- Idat, C. F., & Harmoko, U. (2016). Relokasi Hiposenter Gempa Mikro Dengan Metode Sed Dan Jhd Sebagai Analisis Reservoir Area Panas Bumi-X. *Youngster Physics Journal*, 5(3), 97–104.
- Kao, H., & Shan, S.-J. (2004). The Source-Scanning Algorithm: mapping the distribution of seismic sources in time and space. *Geophysical Journal International*, 157(2), 589–594. <https://doi.org/10.1111/j.1365-246X.2004.02276.x>
- Katili, J. A. (1975). Volcanism and plate tectonics in the Indonesian islands arcs. *Tectonophysics*, 165–188.
- Khasmadin, M. F., & Harmoko, U. (2021). Kajian Potensi dan Pemanfaatan Energi Panas Bumi di Wilayah Kerja Panas Bumi Patuha Ciwidey. *Jurnal Energi Baru Dan Terbarukan*, 2(2), 101–113. <https://doi.org/10.14710/jebt.2021.11187>
- Koesmono, M., Kusnama, & Suwarna, N. (1996). Peta Geologi Lembar Sindangbarang dan Bandarwaru, Jawa, Skala 1:100.000. In *Pusat Penelitian dan Pengembangan Geologi*.
- Lay, T., & Wallace, T. C. (1995). *Modern Global Seismology (International Geophysics Series, Volume 58)* (Vol. 58).
- Layman, E., & Soemarinda, S. (2003). The Patuha Vapor-Dominated Resource West Java, Indonesia. *The 28th Workshop on Geothermal Reservoir Engineering Proceedings, January*, 357–364.
- Lee, W. H. ., & Lahr J.C. (1972). HYPO71: a computer pro- gram for determining hypocenter, magnitude, and first motion pattern of local earthquakes. *U.S. Geological Survey*, 100.
- Madrinovella, I., Widiyantoro, S., Nugraha, A. D., & Triastuty, H. (2012). Studi Penentuan dan Relokasi Hiposenter Gempa Mikro Sekitar Cekungan Bandung. *J. Geofisika*, 13(2), 80–88.
- Martodjojo. (1984). *Bogor Basin Evaluation, West Java (Evolusi Cekungan Bogor, Jawa Barat)*. Institute of Technology of Bandung.
- Maulida, N. H., Firdaus, M., & Hakim, A. (2023). *Distribusi Frekuensi-Magnitudo Gempa Mikro Akibat Aktivitas Stimulasi Hidrolik pada Lapangan Panas Bumi*

*Type Hot Dry Rock (HDR)*. 1(4), 10–20.

Pearson, C. (1981). The Relationship Between Microseismicity and High Pore Pressures During Hydraulic Stimulation Experiments in Low Permeability Granitic Rocks. *Journal of Geophysical Research*, 86, 7855–7864.

Permana, T., Nishimura, T., Nakahara, H., Fujita, E., & Ueda, H. (2020). Reliability evaluation of volcanic tremor source location determination using cross-correlation functions. *Geophysical Journal International*, 220(2), 1300–1315. <https://doi.org/10.1093/gji/ggz523>

Pratama, H. B., & Saptadji, N. M. (2021). Study of Production-Injection Strategies for Sustainable Production in Geothermal Reservoir Two-Phase by Numerical Simulation. *Indonesian Journal on Geoscience*, 8(1), 25–38. <https://doi.org/10.17014/ijog.8.1.25-38>

Pulunggono, A., & Martodjojo, S. (1994). Perubahan tektonik Paleogen-Neogen merupakan peristiwa tektonik terpenting di Jawa. *Proceeding Geologi Dan Geotek Pulau Jawa*, 37–49.

Purwanto, T., Rachman, A., & Silaban, M. (2010). POTENSI DAN RENCANA PENGEMBANGAN LAPANGAN PANAS BUMI PATUHA JAWA BARAT. *The 39th IAGI Annual Convention and Exhibition*, 2. [https://www.iagi.or.id/web/digital/12/2010\\_IAGI\\_Lombok\\_Potensi-dan-Rencana-Pengembangan.pdf](https://www.iagi.or.id/web/digital/12/2010_IAGI_Lombok_Potensi-dan-Rencana-Pengembangan.pdf)

Rawlinson, N., & Sambridge, M. (2004). Multiple reflection and transmission phases in complex layered media using a multistage fast marching method. *GEOPHYSICS*, 69(5), 1338–1350. <https://doi.org/10.1190/1.1801950>

Schaff, D. P., & Richards, P. G. (2014). Improvements in magnitude precision, using the statistics of relative amplitudes measured by cross correlation. *Geophysical Journal International*, 197(1), 335–350. <https://doi.org/10.1093/gji/ggt433>

Sigit Setiawan. (2012). ENERGI PANAS BUMI DALAM KERANGKA MP3EI : Analisis terhadap Prospek, Kendala, dan Dukungan Kebijakan. *Jurnal Ekonomi Dan Pembangunan*, XX. [http://www.voaindonesia.com/content/pembangkit\\_listrik\\_baru\\_dilarang\\_gu](http://www.voaindonesia.com/content/pembangkit_listrik_baru_dilarang_gu)

nakan\_bbm/

- Sinambela, M., Hasibuan, A., & Makbul, R. (2021). Manajemen Bencana. In *News.Ge*. Yayasan Kita Menulis.
- Stewart, W. H. K., & Lee S.W. (1955). Principles and Applications of Microearthquake Networks. In *Tanpakushitsu kakusan koso. Protein, nucleic acid, enzyme* (Advances i, Vol. 35, Issue 17). Academic Press.
- Susilawati. (2008). *Penerapan Perjalanan Gelombang Seismik Gempa pada Penelaahan Struktur Bagian dalam Bumi*. Universitas Sumatra Utara.
- Tregoning, P., Brunner, F., Bock, Y., Puntodewo, S. S. O., McCaffrey, R., Genrich, J., Calais, E., Rais, J., & Subarya, C. (1994). Tregoning, P., Brunner, F. K., Bock, Y., Puntodewo, S. S. O., McCaffrey, R., Genrich, J. F., Calais, E., Rais, J. and Subarya, C. *First Geodetic Measurement of Convergence across the Java Trench*, 2135–2138.
- Um, J. & Thurber, C. (1987). A FAST ALGORITHM FOR TWO-POINT SEISMIC RAY TRACING. *Bulletin of the Seismological Society of America*, 77(3), 972–986.