

DAFTAR PUSTAKA

- Al-Amri, A. M. 2018. *Principles of geophysics*. Department of Geology & Geophysics, King Saud University.
- Blakely, R. J. 1996. *Potential theory in gravity and magnetic applications*. Cambridge University Press.
- Boling, R. A., Tanesib, J. L., Sutaji, H. I., Lapono, L. A. S., & Lewerissa, R. (2024). Re-evaluation of a geothermal system model based on high-resolution gravity field inversion: A case study of the Maritaing geothermal field, Alor Regency, East Nusa Tenggara Province, Indonesia. *Kuwait Journal of Science*, 51(2), 100187.
- Giggenbach, W. F. 1986. Geothermal techniques for the evaluation of water/rock equilibration conditions by use of Na, K, Mg and Ca-contents of discharge waters. Dalam *Proceedings of the 8th New Zealand Geothermal Workshop*.
- Goff, F., & Janik, C. J. 2000. Geothermal systems. Dalam H. Sigurdsson (Ed.), *Encyclopedia of volcanoes*. Academic Press.
- Grandis, H. 2009. *Pengantar pemodelan inversi geofisika*. Himpunan Ahli Geofisika Indonesia (HAGI).
- Griffiths, D. H., & King, R. F. 1981. *Applied geophysics for geologists and engineers: The elements of geophysical prospecting*. Pergamon Press.
- Hamilton, W. B. 1979. *Tectonics of the Indonesian region* (U.S. Geological Survey Professional Paper 1078). U.S. Government Printing Office.
- Henley, R. W., & Ellis, A. J. 1983. Geothermal systems ancient and modern: A geochemical review. *Earth-Science Reviews*, 19, 1–50.
- Hinze, W. J., von Frese, R. R. B., & Saad, A. H. 2012. *Gravity and magnetic exploration: Principles, practices, and applications*. Cambridge University Press.
- Hirt, C., Claessens, S., Fecher, T., Kuhn, M., Pail, R., & Rexer, M. 2013. New ultrahigh-resolution picture of Earth's gravity field. *Geophysical Research Letters*, 40, 4279–4283. <https://doi.org/10.1002/grl.50838>
- Hochstein, M. P. 1990. Classification and assessment of geothermal resources. Dalam M. H. Dickson & M. Fanelli (Eds.), *Geothermal energy*. John Wiley & Sons.

- Hochstein, M. P., & Browne, P. R. L. 2000. Surface manifestations of geothermal systems with volcanic heat sources. Dalam H. Sigurdsson (Ed.), *Encyclopedia of volcanoes*. Academic Press.
- Huenges, E. (Ed.). 2010. *Geothermal energy systems: Exploration, development, and utilization*. Wiley-VCH.
- Ikhwan, M., & Rindingpadang, D. B. E. 2025. Characterization of permeability zones through geomechanical analysis and its implication to the Semurup geothermal system, Indonesia. Dalam *Proceedings of the 11th Indonesia International Geothermal Convention & Exhibition (IIGCE) 2025*.
- International Energy Agency. 2022. *CO2 emissions in 2022*. IEA.
- Jarot, W., Utama, H. W., Lubis, M. I., Yuliamorsa, S., Anggideliana, S., Juventa, & Yosa, M. 2019. Characteristic of geothermal system at Semurup manifestation, Kerinci: Geological and geochemistry investigation-based. *IOP Conference Series: Earth and Environmental Science*, 391, 012051. <https://doi.org/10.1088/1755-1315/391/1/012051>
- Kana, J. D., Djongyang, N., Raïdandi, D., Njandjock Nouck, P., & Dadjé, A. (2015). A review of geophysical methods for geothermal exploration. *Renewable and Sustainable Energy Reviews*, 44, 87–95.
- Kementerian Energi dan Sumber Daya Mineral Republik Indonesia. 2025. Indonesia siap jadi negara produsen listrik panas bumi terbesar dunia. *Media Center Kementerian ESDM*.
- Kusnama, Pardede, R., Mangga, S. A., & Sidarto. 2010. *Peta geologi lembar Sungaipenuh dan Ketahun, Sumatra, Skala 1:250.000*. Pusat Survei Geologi, Badan Geologi, Kementerian Energi dan Sumber Daya Mineral.
- Parasnis, D. S. 1986. *Principles of applied geophysics*. Chapman & Hall.
- Poedjopradjitno, S. 2012. Morfotektonik dan potensi bencana alam di Lembah Kerinci Sumatera Barat, berdasarkan analisis potret udara. *JSDG*, 22(2), 101–113.
- Putra, A. F., & Husein, S. 2016. Pull-apart basins of Sumatran Fault: Previous works and current perspectives. Dalam *Proceeding Seminar Nasional Kebumihan*.
- Rao, K., & Biswas, A. 2021. Modeling and uncertainty estimation of gravity anomaly over 2D fault using very fast simulated annealing global optimization. *Acta Geophysica*, 69, 1735–1751. <https://doi.org/10.1007/s11600-021-00649-8>

- Reynolds, J. M. 2011. *An introduction to applied and environmental geophysics* (2nd ed.). Wiley-Blackwell.
- Rosidi, H. M. D., Tjokrosapoetro, S., Pendowo, B., Gafoer, S., & Suharsono. 2011. *Peta geologi lembar Painan dan bagian timurlaut lembar Muarasiberut, Sumatra, Skala 1:250.000*. Pusat Survei Geologi, Badan Geologi, Kementerian Energi dan Sumber Daya Mineral.
- Sarkowi, M. 2014. *Eksplorasi gaya berat*. Graha Ilmu.
- Shancharlo, Rachmatullah, E., Prayoga, T., & Utama, H. W. 2020. Kontrol keberadaan manifestasi air panas di utara-baratlaut Danau Kerinci, Jambi: Hasil studi pendahuluan. *Jurnal Teknik Kebumihan*, 5(2).
- Sieh, K., & Natawidjaja, D. H. 2000. Neotectonics of the Sumatran fault, Indonesia. *Journal of Geophysical Research: Solid Earth*, 105(B12), 28295–28326. <https://doi.org/10.1029/2000JB900120>
- Supriyanto. 2007. *Analisis Data Geofisika: Memahami Teori Inversi*. Departemen Fisika, FMIPA, Universitas Indonesia.
- Telford, W. M., Geldart, L. P., & Sheriff, R. E. 1990. *Applied geophysics* (2nd ed.). Cambridge University Press.
- Utama, H. W. 2023. Geothermal manifestations linkage with the Siulak Fault segment in Kerinci. *Journal of Engineering and Scientific Research*, 5(1), 41–46. <https://doi.org/10.23960/jesr.v5i1.133>
- Utama, H. W., & Mulyasari, R. 2024. Geomorphological structure of landform characteristics as a reference for development recommendations in active volcanic and faulting areas: A case study in Kerinci Region, Jambi Province, Indonesia. *Indonesian Journal on Geoscience*, 11(1), 123–139.
- World Bank. 2014. *Best practices guide for geothermal exploration: A guide to resource data collection, analysis, and presentation for geothermal projects* (2nd ed.). International Finance Corporation, World Bank Group.
- World Bank. 2021. *Preparing feasibility studies for the financing of geothermal projects: An overview of best practices*. World Bank.