

DAFTAR PUSTAKA

- Anonim. (2020). *Menteri Arifin: Transisi Energi Mutlak Diperlukan*. Direktorat Jenderal Energi Baru Terbarukan Dan Konservasi Energi (EBTKE). <https://ebtke.esdm.go.id/post/2020/10/22/2667/menteri.arifin.transisi.energi.mutlak.diperlukan?lang=en>
- Anonim. (2021). *Renewable Energy vs Sustainable Energy: What's the Difference?* Johns Hopkins: School of Advanced International Studies. <https://energy.sais.jhu.edu/articles/renewable-energy-vs-sustainable-energy/>
- Anonim. (2024). *Forward Modeling*. Schlumberger Energy Glossary. https://glossary.slb.com/en/terms/f/forward_modeling#:~:text=Forward modeling is used to,horizontal wells and complex environments.
- Atmojo, J., Itoi, R., Tanaka, T., Fukuda, M., Sudarman, S., & Widiyarso, A. (2000). *Modeling Studies of Sibayak Geothermal Reservoir , Northern Sumatra , Indonesia. Figure 2, 2037–2043.*
- Atmojo, J. P., Itoi, R., Fukuda, M., Tanaka, T., Daud, Y., & Sudarman, S. (2001). Numerical Modeling Study of Sibayak Geothermal Reservoir , North Sumatra , Indonesia. *Proceedings, 26th Workshop on Geothermal Reservoir Engineering.*
- Corbett, G., & Leach, T. (1997). *Southwest Pacific Rim* (Issue May 1997).
- Daud, Y., Sudarman, S., Ushijima, K., & Division, G. (2001). *Imaging Reservoir Permeability of The Sibayak Geothermal Field , Indonesia. Figure 1.*
- Fahmi, F. L., Giriarmo, J. P., Puspadianti, A., Thamrin, M. H., & Pasaribu, F. (2021). Geochemistry Monitoring of Surface Thermal Manifestation in Sibayak , North Sumatra , Indonesia. *Proceedings World Geothermal Congress 2020+1, October, 1–10.*
- Field, B. G., Java, E., Maryanto, S., Dewi, C. N., Syahra, V., & Rachmansyah, A. (2017). Magnetotelluric-Geochemistry Investigations of. *Geosciences, 7*(41), 1–13. <https://doi.org/10.3390/geosciences7020041>
- Firanda, E., Lasminingsih, S., H, F. M., Fatwa, M., Sugiharto, M. P., Saputra, M. B., Tajul, M., Hastuti, P., & Pasaribu, F. (2024). Updating Numerical Simulation Model of Sibayak Field , Indonesia. *Proceedings, 49th Workshop on Geothermal Reservoir Engineering, Figure 2, 1–11.*
- Forni, F., Phua, M., Bernard, O., Giuditta, M., Oalman, J., Maden, C., Rifai, H., Bouvet, C., & Maisonneuve, D. (2024). *Remobilization and eruption of an upper crustal cumulate mush at the Singkut caldera (North Sumatra , Indonesia). 445*(October 2023).
- Goff, F., & Janik, C. (1999). Geothermal Systems. In *Encyclopedia of Volcanoes*

(pp. 817–834).

Grandis, H. (2009). *Pengantar Pemodelan Metode Geofisika*.

Hochstein, M. P., & Sudarman, S. (2015). Indonesian Volcanic Geothermal Systems. *Proceedings World Geothermal Congress 2015, April*.

Ishizu, K., Ogawa, Y., Mogi, T., Yamaya, Y., & Uchida, T. (2021). Geothermics Ability of the magnetotelluric method to image a deep conductor : Exploration of a supercritical geothermal system. *Geothermics*, 96. <https://doi.org/10.1016/j.geothermics.2021.102205>

Ja' Afar, A., Hashim, M., Pour, A., & Shehu, K. (2017). A REVIEW OF GEOTHERMAL MAPPING TECHNIQUES USING. *Science World Journal*, 12(January).

Jiracek, G. (1990). Near-Surface and Topographic Distortions in Electromagnetic Induction. *Surveys in Geophysics*, 163–203.

Mickus, K. (1980). Gravity Method: Environmental And Engineering Applications. *Geophysics*.

Pellerin, L., Johnston, J. M., & Hohmann, G. W. (1996). A numerical evaluation of electromagnetic methods in geothermal exploration. *Geophysics*, 61(1), 121–130.

Rodriguez, J., Gharibi, M., & Kuhn, O. (2021). Magnetotellurics in Exploration for Geothermal Targets. *C SEG Recorder*, 1–16.

Safari, M., Maghsoudi, A., & Pour, A. B. (2017). Application of Landsat-8 and ASTER satellite remote sensing data for porphyry copper exploration : a case study from Shahr-e-Babak , Kerman , south of Iran. *Geocarto International*, July. <https://doi.org/10.1080/10106049.2017.1334834>

Sigurdsson, H. (1999). The Impact of Volcanism. In *Encyclopedia of Volcanoes* (p. 11).

Simpson, F., & Bahr, K. (2005). Numerical Forward Modelling. In *Practical Magnetotellurics* (pp. 117–128).

Sutanto. (2003). Geologi dan Umur Batuan Vulkanik Daerah Berastagi dan Sekitarnya. *Wahana Teknik*, 5.

Telford, W. M., Geldart, L. P., & Sheriff, R. E. (1990). Applied geophysics. 2nd edition. In *Applied geophysics. 2nd edition*.

Thiell, & Stephan. (2008). *Modelling and Inversion of Magnetotelluric Data for 2-D and 3-D Lithospheric Structure, with Application to Obducted and Subducted Terranes*. The University of Adelaide.

Tong, X., Liu, J., Xie, W., Xu, L., Guo, R., & Cheng, Y. (2009). Three-dimensional forward modeling for magnetotelluric sounding by finite element method. *J.*

Cent. South Univ. Technol., 16(February 2009), 139–143.
<https://doi.org/10.1007/s11771>

Var, D., & Candansayar, M. E. (2018). 3D magnetotelluric modeling by using finite-difference method : Comparison study of different forward modeling approaches. *Geophysics*, 83(2). <https://doi.org/10.1190/geo2017-0406.1>

Vozoff, K. (2015). The Magnetotelluric Method. In *Electromagnetic Method in Applied Geophysics* (pp. 641–704).

Yuan, C., Wang, X., Deng, F., Wang, K., & Wang, X. (2023). An Accelerated Magnetotelluric 2D Forward Modeling Network Model : Transformer + Unet
An Accelerated Magnetotelluric 2D Forward Modeling Network Model : Transformer + Unet. *Research Square*.

Zukir, M. (2019). Pemodelan 2-D Metode Magnetotellurik dengan Mengaplikasikan Algoritma Biconjugate Gradient Stabilized. *INDEPT*, 8(2).