

DAFTAR PUSTAKA

- Arisbaya, I., Aldinofrizal, A., Sudrajat, Y., Gaffar, E. Z., & Harja, A. 2018. Model Sistem Panas Bumi Lapangan Karaha-Talaga Bodas Berdasarkan Inversi 2D Data Magnetotellurik. *Riset Geologi dan Pertambangan*, 28(2), 221-237.
- Bahr, K. 1988. Interpretation of the magnetotelluric impedance tensor: regional induction and local telluric distortion. *Journal of geophysics*. 62(1), 119-127.
- Bahr, K. 1991. Geological noise in magnetotelluric data: a classification of distortion types. *Physics of the Earth and Planetary Interiors*. 66(1-2), 24-38.
- Berdichevsky., & Dimitrev. 2008. *Models and Methods of Magnetotellurics*. Berlin: Springer.
- Cagniard, L. 1953. *Basic Theory of the Magnetotelluric Method of Geophysical Prospecting*. Geophysics 18.
- Cameron, N.R., Clarke, M.C.G., Aldiss, D.F., Aspden, J.A., & Djunuddin, A. 1980. *The geological evolution of northern Sumatra*. Indonesian Petroleum Association, Proceedings 9th annual convention, Jakarta.
- Casstells, A.M. 2006. *Magnetotelluric Investigation Of Geoelectrical Dimensinality And Study Of The Central Betic Crustal Structure*. Barcelona: Universitat de Barcelona, Departement de Geodinamica I Geofisica.
- Flóvenz, Ó. G., Spangenberg, E., Kulenkampff, J., Árnason, K., Karlsdóttir, R., & Huenges, E. 2005. The role of electrical interface conduction in geothermal exploration. In *Proceedings of the World Geothermal Congress* (pp. 24-25).
- Grandis, H. 1998. *An Alternative Algorithm for One-Dimensional Magnetotelluric Response Calculation*. Bandung: ITB.
- Grandis, Hendra. 2008. Pemodelan Inversi Geofisika. Jakarta: Badan Meteorologi dan Geofisika.
- Grandis, Hendra. 2009. *Pengantar Pemodelan Inversi Geofisika*. Himpunan Ahli Geofisika Indonesia (HAGI).
- Grandis, Hendra. 2010. *Studi Efek Statik Pada Data Magnetotellurik (MT) Menggunakan Pemodelan Inversi 2-D*. Institut Teknologi Bandung,

Bandung.

- Grandis, Hendra. 2013. *Metoda Magnetotellurik (MT)*. Institut Teknologi Bandung, Bandung.
- Hamilton, W. B. 1979. *Tectonics of the Indonesian region (No. 1078)*. US Government Printing Office.
- Hermawan, D., & Rezky, Y. 2010. The Role of Sumatra Fault Structures in Appearance of Geothermal Features at Cubadak Area, West Sumatra, Indonesia. In *Proceedings World Geothermal Congress* (pp. 1279-1281).
- Hochstein, M.P., & Browne, P.R.L. 2000. *Surface Manifestation of Geothermal System with Volcanic Heat Source In Encyclopedia of Volcanoes*, H. Sigurdsson, B.F. Houghton, S.R. Mc Nutt, H. Rymer dan J. Stix (eds.), Academic Press.
- Ismail, H., Yatini, Y., & Sugianto, A. 2022. Dimensionality And Geoelectrical Strike Of Magnetotelluric Data Using Tensor Impedance In “X-Area” East Nusa Tenggara, Indonesia. *Indonesian Physical Review*, 5(2), 98-106.
- Joni, W., & Rahadinata, T. 2018. Struktur Sistem Panas Bumi Daerah Cubadak Berdasarkan Pemodelan Inversi 3-D Data Magnetotellurik. *Buletin Sumber Daya Geologi*, 13(1), 59-69.
- Kasbani. 2009. *Tipe Sistem Panas Bumi di Indonesia dan Estimasi Potensi Energinya*. Kelompok Program Penelitian Panas Bumi, Bandung: PMG-Badan Geologi.
- Keller, G. V. & Frischknecht, F. C. 1966. *Electrical methods in geophysical prospecting*. In *International Series of Monographs in Electromagnetic Waves*, 10, eds. A.L. Cullen, V. A. Fock, and J. R. Wait. Oxford: Pergamon Press.
- Khyzhniak, M. 2014. *Geoelectric Strike and Its Application in Magnetotellurics*. Faculty of Earth Science: University of Iceland.
- Kiyan, D. 2015. *Multidimensional magnetotelluric imaging of crustal and uppermost mantle structures of the Atlas Mountains of Morocco* (Doctoral dissertation, PhD thesis, NUI Galway, Ireland).
- Marti, A., Queralt, P., Ledo, J., & Farquharson, C. 2010. Dimensionality imprint of electrical anisotropy in magnetotelluric responses. *Physics of the Earth*

- and Planetary Interiors*, 182(3-4), 139–151.
- Niasari, S. W. 2016. A short introduction to geological strike and geo-electrical strike. In *AIP Conference Proceedings* (Vol. 1755, No. 1). AIP Publishing.
- Nicholson, K., & Nicholson, K. 1993. Geothermal systems. *Geothermal Fluids: Chemistry and Exploration Techniques*, 1-18.
- Nukman, M., & I. Moeck. 2013. *Journal of Asian Earth Sciences* 74, 86-96.
- Nurhadi, M., Widodo, S., Soetoyo, Sulaeman, B. 2009. *Penyelidikan Terpadu Daerah Panas Bumi Cubadak, Kabupaten Pasaman, Sumatra Barat*. Prosiding Hasil Kegiatan Lapangan Pusat Sumber Daya Geologi Tahun 2009, Bandung.
- Palacky, G. J. 1988. *Resistivity Characteristics of Geologic Targets. Electromagnetic Methods in Applied Geophysics*, 52–129.
- Prajono, F. 2009. Hydrothermal processes associated with meteorite impacts. *Hydrothermal processes and mineral systems*. 1097-1130.
- Pranata, E., Irawati, S. M., & Niasari, S. W. *Magnetotelluric Data Analysis using Swift Skew, Bahr Skew, Polar Diagram, and Phase Tensor: a Case Study in Yellowstone, US*.
- Qibin, X., Cai, X., Liang, G., Xu, X., & Zhang, B. 2011. Application of 2D magnetotelluric methods in a geological complex area, Xinjiang, China. *Journal of Applied Geophysics*, 75(1), 19-30.
- Rock, N.M.S., Aldiss, D.T., Aspden, J.A., Clarke, M.C.G., Djunuddin, A. 1983. *Peta Geologi Lembar Lubuksikaping, Sumatera, skala 1:250.000*. Puslitbang Geologi, Indonesia.
- Rodi, W., & Mackie, R. L. 2001. Nonlinear conjugate gradients algorithm for 2-D magnetotelluric inversion. *Geophysics*, 66(1), 174-187.
- Santoso, D. 2012. *Volkanologi dan Eksplorasi Geotermal*, Catatan Kuliah Prodi Teknik Geofisika, Penerbit ITB, Bandung.
- Saptadji, N. M. 2001. *Teknik Panas Bumi*. Fakultas Ilmu Kebumian Dan Teknologi Mineral Institut Teknologi Bandung.
- Saptadji, N.M., 2009, *Karakteristik Reservoir Panas Bumi*, Training Advanced Geothermal Reservoir Engineering, 6-7 Juli, Bandung.
- Simpson, F., & Bahr, K. (2005). *Practical Magnetotellurics*. Cambridge

- University Press.
- Suharno, 2010. *Pengembangan Prospek Panas bumi*. Universitas Lampung. Bandar Lampung.
- Suharno, 2013. *Eksplorasi Geothermal*. Lembaga Penelitian Universitas Lampung.
- Sumortanto, Untung. 2015. *Eksplorasi Panas Bumi*. Penerbit Ombak. Yogyakarta.
- Tikhonov, A. N. 1950. The determination of electrical properties of the deep layers of the Earth's crust. *Doklady Akademii Nauk SSSR*, 73:293–297 (in Russian).
- Tim Survei Terpadu PSDMBP. 2008. *Survey Terpadu Daerah Panas Bumi Bonjol, Kabupaten Pasaman, Provinsi Sumatra Barat*. Pusat Sumber Daya Geologi, Badan Geologi.
- Unsworth, M. 2006. *Overview of Electromagnetic Exploration Methods*. Geophysics 424
- Unsworth, M. 2008. *Electromagnetic Exploration Methods*. Canada: University of Alberta.
- Van Bemmelen, R.W. 1949. *The Geology Of Indonesia Vol. Ia*. Martinus Nijhoff. Belanda.
- Vozoff, K. 1986. *Magnetotelluric Methods*. Society of Exploration Geophysics, Tulsa, Oklahoma.
- Vozoff, K. 1991, *The Magnetoteluric method in Electromagnetic Methods in applied geophysics-vol. 2. Application*, M.N. Nabighian (ed.), SEG Publishing
- White, D.E. 1967. *Some Principles of Geyser Activity Mainly from Steamboat*. Springs, Nevada, American Journal Science.