

## DAFTAR PUSTAKA

- Abdullah, A., 2007, Resolusi Seismik, <https://ensiklopediseismik.blogspot.com/2007/06/resolusi-seismik.html>, 16 Juni 2007, diakses 2 Juni 2024.
- Achmad, Z. dan Samuel, L., 1984, 'Stratigraphy and Depositional Cycles in the NE. Kalimantan Basin', *Proceedings of Indonesian Petroleum Association 13<sup>th</sup> Annual Convention*, pp 109-120.
- Alaydrus, M., dan Attamimi, S. (2013). Reconstruction of Planar Multilayered Structures using Multiplicative-Regularized Contrast Source Inversion. *TELKOMNIKA (Telecommunication Computing Electronics and Control)*, 11(3), 555-562.
- Allen, G. P., Laurier, D., dan Thouvenin, J. (1976). Sediment distribution patterns in the modern Mahakam delta.
- Anonim, British Petroleum (BP) *Energy Outlook 2023*
- Anonim, Energy Institute (EI) *Statistical Review of World Energy 2023*
- Anonim, Patra Nusa Data 2006, *Indonesian Basin Summaries*, Patra Nusa Data, Jakarta.
- Anonim, Pertamina BPPKA 2005, 'Petroleum geology of Indonesian Basins: principles, methods and application: Tarakan Basin, Northeast Kalimantan', *Pertamina BPPKA*, 5, hh. 35.
- Goldstein, M. A., dan Strangway, D. W. (1975). Audio-frequency magnetotellurics with a grounded electric dipole source. *Geophysics*, 40(4), 669-683.
- Grandis, H., 2009, Pengantar Pemodelan Inversi Geofisika, Bandung, Institut Teknologi Bandung.
- Han, N., Nam, M. J., Kim, H. J., Lee, T. J., Song, Y., & Suh, J. H. (2008). Efficient three-dimensional inversion of magnetotelluric data using approximate sensitivities. *Geophysical Journal International*, 175(2), 477-485.
- Hesthammer, J., Stefatos, A., Boulaenko, M., Vereshagin, A., Gelting, P., Wedberg, T., dan Maxwell, G. (2010). CSEM technology as a value driver for hydrocarbon exploration. *Marine and Petroleum Geology*, 27(9), 1872-1884.
- Hidayat, S., Amiruddin, dan Satrisnas, D.. 2011. *Peta Geologi Lembar Tarakan dan Sebatik, Kalimantan*. Pusat Survei Geologi.
- Hidayati, S., Guritno, E., Argenton, A., Ziza, W., dan Del Campana, I. (2007). Re-Visited Structural Framework of the Tarakan Sub-Basin, Northeast Kalimantan-Indonesia.
- Hughes, L. J., dan Carlson, N. R. (1987). Structure mapping at Trap Spring Oilfield, Nevada, using controlled-source magnetotellurics. *First Break*, 5(11).
- Irhamisyah, F. M., Syafri, I., Abdurrokhim, N. N., dan Riadi, R. S. (2018). KOMPLEKSITAS FAKTOR RESERVOIR RESISTIVITAS RENDAH PADA FORMASI BALIKPAPAN. *Geoscience Journal*, 2(1), 53-60.

- Kaipio, J., & Somersalo, E. (2007). Statistical inverse problems: discretization, model reduction and inverse crimes. *Journal of computational and applied mathematics*, 198(2), 493-504.
- Kusuma, S. S., 2014, Pemodelan Inversi Dua Dimensi Menggunakan Data Magnetotellurik Daerah Prospek Panasbumi Banda Baru, Doctoral dissertation, Universitas Gadjah Mada.
- Lentini, M.R. dan Darman, H., 1996, 'Aspects of the Neogene tectonic history and hydrocarbon geology of the Tarakan Basin', *Proceedings, Indonesian Petroleum Association 25th Silver Anniversary Convention*, 241 – 251.
- Maulin, H. B. (2021). Analisis sesar tumbuh pada sistem tektonik delta tersier di subcekungan tarakan, Kalimantan Utara. *Bulletin of Geology*, 5(2), 570-579.
- Niasari, S., 2015, Magnetotelluric Exploration of The Sipoholon Geothermal Field Indonesia, Disertasi, Freie Universitat Berlin.
- Prasetyo, S. B. (2020). *Pemodelan Inversi 2-D Metode Magnetotellurik Studi Kasus: Gunung St. Helens dan Gunung Adams, Amerika Serikat* (Doctoral dissertation, Universitas Gadjah Mada).
- Samuel, L., 1980, 'Relation of depth to hydrocarbon distribution in Bunyu island, NE Kalimantan', *9<sup>th</sup> Annual Convention Proceedings*, hh. 417-431.
- Santos, E. T. F., dan Bassrei, A. (2007). L-and  $\Theta$ -curve approaches for the selection of regularization parameter in geophysical diffraction tomography. *Computers dan Geosciences*, 33(5), 618-629.
- Santoso, F. A. R. (2023). *Pemodelan Inversi 1D dan 2D Data Magnetotellurik: Sistem Patahan Paralana, Northern Flinders Ranges, Australia Selatan* (Doctoral dissertation, Universitas Gadjah Mada).
- Saputra, I., dan Prasetya, A. Y. Pulse of Depositional Environment Change in Tarakan Basin: Some Perspective from Onshore Simenggaris Area.
- Simpson, F. dan Bahr, K., 2005, Practical Magnetotelluric, Cambridge University Press, Cambridge.
- Streich, R. (2016). Controlled-source electromagnetic approaches for hydrocarbon exploration and monitoring on land. *Surveys in geophysics*, 37, 47-80.
- Telford, W.M., Geldart, L.P. dan Sheriff, R.E., 1990, Applied Geophysics Second Edition, New York, United States, Cambridge University Press.
- Thiel, S., 2008. Modelling and Inversion of Magnetotelluric Data for 2-D and 3-D Lithospheric Structure, with Application to Obducted and Subducted Terranes, Dissertation, Department of Earth Sciences, University of Adelaide, Adelaide.
- Tossin, S., & Kadir, R., 1996. 'Tipe Reservoir Sedimen Miosen Tengah di Sub-Cekungan Tarakan, Cekungan Tarakan, Kalimantan Timur', *Proceeding of the 25th Annual Convention of The Indonesian Association of Geologist*.
- Pranata, E., Irawati, S. M., dan Niasari, S. W. Magnetotelluric Data Analysis using Swift Skew, Bahr Skew, Polar Diagram, and Phase Tensor: a Case Study in Yellowstone, US.

- Peel, F.J., 2014. The engines of gravity-driven movement on passive margins: Quantifying the relative contribution of spreading vs. gravity sliding mechanisms. *Tectonophysics*, 633: 126-142.
- Rahmadini, S., 2023, UGM dan Upstream Innovation Pertamina Dorong Kemajuan Riset Geofisika di Indonesia, <https://ugm.ac.id/id/berita/23532-ugm-dan-upstream-innovation-pertamina-dorong-kemajuan-riset-geofisika-di-indonesia/>, 9 Maret 2023, diakses 2 Juni 2024
- Ribowo, N. A. (2016). *KOREKSI EFEK SUMBER PADA DATA CSAMT STUDI KASUS LAPANGAN CIGUHA, JAWA BARAT* (Doctoral dissertation, Universitas Gadjah Mada).
- Richardson, R.M. dan Zandt, G., 2003, Inverse Problems In Geophysics, Department of Geosciences, University of Arizona, Tucson, Arizona
- Rodi, W. dan Mackie, R., 2001, Non-linear conjugate gradient algorithm for 2D magnetotelluric inversion, *Geophysics* 66, 174–178.
- Wibowo, M. G., 2013, Pendekatan Inversi 1-D Untuk Mengurangi Efek Galvanic Pada Model 2-D Magnetotellurik Daerah panas Bumi Danau Ranau, *Jurnal Geofisika Eksplorasi*, Volume 1.
- Widjaja, P. H., Noeradi, D., Permadi, A. K., Usman, E., dan Widjaja, A. (2016). Potensi Migas Berdasarkan Integrasi Data Sumur dan Penampang Seismik di Wilayah Offshore Cekungan Tarakan Kalimantan Timur. *Jurnal Geologi Kelautan*, 10(3), 117-131.
- Wirianto, M., Mulder, W. A., dan Slob, E. C. (2012, June). Incorporating EM Inversion into Reservoir Monitoring. In *74th EAGE Conference and Exhibition incorporating EUROPEC 2012* (pp. cp-293). European Association of Geoscientists dan Engineers.
- Younis, A., El-Qady, G., Abd Alla, M., Zaher, M. A., Khalil, A., Al Ibiary, M., dan Saraev, A. (2014). AMT and CSAMT methods for hydrocarbon exploration at Nile Delta, Egypt.
- Zonge, K. L., dan Hughes, L. J. (1991). Controlled source audio-frequency magnetotellurics.