

## DAFTAR PUSTAKA

- Abidin, H. Z., Andreas, H., Kao, T., Ito, T., Meilano, I., Kimata, F., Natawidjaya, D. H., & Harjono, H. (2009). Crustal deformation studies in java (Indonesia) using GPS. *Journal of Earthquake and Tsunami*, 3(2). <https://doi.org/10.1142/S1793431109000445>.
- Arisbaya, I., Handayani, L., Mukti, M. M., Sudrajat, Y., Grandis, H., & Sumintadireja, P. (2019). Imaging the Geometry of Cimandiri Fault Zone Based on 2D Audio-Magnetotelluric (AMT) Model in Nyalindung, Sukabumi–Indonesia. *Pure and Applied Geophysics*, 176(11). <https://doi.org/10.1007/s00024-019-02241-0>.
- Arisoy, M. Ö., & Dikmen, Ü. (2013). Edge detection of magnetic sources using enhanced total horizontal derivative of the tilt angle. *Yerbilimleri/ Earth Sciences*, 34(1).
- Blakely, R. J. (1995). Potential Theory in Gravity and Magnetic Applications. Dalam *Potential Theory in Gravity and Magnetic Applications*. <https://doi.org/10.1017/cbo9780511549816>.
- Dardji, N., Villemain, T., & Rampnoux, J. P. (1994). Paleostresses and strike-slip movement: the Cimandiri Fault Zone, West Java, Indonesia. *Journal of Southeast Asian Earth Sciences*, 9(1–2). [https://doi.org/10.1016/0743-9547\(94\)90061-2](https://doi.org/10.1016/0743-9547(94)90061-2).
- Dentith, M., & Mudge, S. T. (2014). Geophysics for the Mineral Exploration Geoscientist. (Ed.) Cambridge University Press. Dalam *Mineralium Deposita* (Vol. 50, Nomor 1).
- Effendi, A. C. (1974). Geological Map of Bogor Quadrangle scale 1:100000. *GRDC Bandung*.
- Effendi, A. C., and B. H. Kusnama. (1998). *Peta Geologi Gembar Bogor Edisi Kedua*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Febriani, F., Hattori, K., Widarto, D. S., Han, P., Yoshino, C., Nurdyantoro, B., Effendi, N., Maulana, I., & Gaffar, E. (2013). Audio Frequency Magnetotelluric Imaging of the Cimandiri Fault , West Java , Indonesia. *Jurnal Geofisika*, 14(1).
- Gaffar, E. Z. (2006). *Deformasi Kerak Bumi Segmen-Segmen Sesar Cimandiri*. Bandung: Pusat Penelitian Geoteknologi LIPI.
- Grandis, Dr. H. (2009). *Pengantar Pemodelan Inversi Geofisika*, Himpunan Ahli Geofisika (HAGI), Bandung.
- Hamilton, W. (1979). Tectonics of the Indonesian Region. *Geological Society of Malaysia, Bulletin*, 6.
- Handayani, L., Maryati, Kamtono, Ma'ruf Mukti, M., & Sudrajat, Y. (2017). Audio-magnetotelluric modeling of Cimandiri Fault Zone at Cibeber, Cianjur. *Indonesian Journal on Geoscience*, 4(1). <https://doi.org/10.17014/ijog.4.1.39-47>.
- Haryanto, I., Hutabarat, J., Sudradjat, A., Ilmi, N. N., & Sunardi, D. E. (2017). TEKTONIK SESAR CIMANDIRI, PROVINSI JAWA BARAT. Dalam *Bulletin of Scientific Contribution* (Vol. 15).
- Hinze, W. J., Von Frese, R. R. B., & Saad, A. H. (2010). Gravity and magnetic exploration: Principles, practices, and applications. Dalam *Gravity and Magnetic Exploration: Principles, Practices, and Applications*. <https://doi.org/10.1017/CBO9780511843129>.
- Irham Nurwidjanto, M., & Ari Setiawan, dan. (2011). *PEMODELAN ANOMALI GRAVITASI SESAR DENGAN PENDEKATAN MODEL SHEET (MODELLING*

- GRAVITY ANOMALIES OF FAULT BY SHEET MODEL APPROACH) (Vol. 14, Nomor 3).*
- Koesmono, M., and S. N. Kusnama. (1996). *Peta geologi lembar Sindang Barang dan Bandarwaru*, Geology Survey of Indonesia, Bandung, Indonesia.
- Marliyani, G. I., Arrowsmith, J. R., & Whipple, K. X. (2016). Characterization of slow slip rate faults in humid areas: Cimandiri fault zone, Indonesia. *Journal of Geophysical Research: Earth Surface*, 121(12). <https://doi.org/10.1002/2016JF003846>.
- Martodjojo, S. (2003). Evolusi Cekungan Bogor Jawa Barat. *Penerbit ITB Bandung*.
- Miller, H. G., & Singh, V. (1994). Potential field tilt-a new concept for location of potential field sources. *Journal of Applied Geophysics*, 32(2–3). [https://doi.org/10.1016/0926-9851\(94\)90022-1](https://doi.org/10.1016/0926-9851(94)90022-1).
- Narayan, S., Sahoo, S. D., Pal, S. K., Kumar, U., Pathak, V. K., Majumdar, T. J., & Chouhan, A. (2017). Delineation of structural features over a part of the Bay of Bengal using total and balanced horizontal derivative techniques. *Geocarto International*, 32(4). <https://doi.org/10.1080/10106049.2016.1140823>.
- Noor, D. (2009). Pengantar Geologi Edisi Pertama. Dalam *Program Studi Teknik Geologi, fakultas Teknik - Universitas Pakuan*.
- Oasis Montaj. (2020). *Applying Filters and Inverse FFT in BANDP GX Geosoft Oasis Manual Book*.
- Pannekoek, A. J. (1946). *Geomorfologische waarnemingen op het Djampang Plateau in West Java*. Tijdschrift Kon. Nederlands Aardrijkskundig Gen. 63(3), 340-367.
- Pulunggono, A., & Martodjojo, S. (1994). Perubahan Tektonik Paleogen-Neogen Merupakan Peristiwa Tektonik Terpenting di Jawa. *Proceedings of Geologi dan Geotektonik Pulau Jawa Sejak Mesozoik Akhir Hingga Kquarter*.
- Reynolds, J. M. (1997). An introduction to applied and environmental geophysics. Dalam *An introduction to applied and environmental geophysics*. <https://doi.org/10.1071/pvv2011n155other>.
- Setyonegoro, W., Nugraha, J., Sulastri, Martha, A.A., Pakpahan, S., Yusuf, M. (2012). Interpretasi Kuantitatif Struktur Sesar Cimandiri Dengan Metode Gravitasi. *Prosiding Seminar Tahunan Hasil-Hasil Penelitian dan Pengembangan Puslitbang BMKG*. ISBN : 978-979-15549-8- 5, hal : 141-148.
- Stewart, I. C. F., & Miller, D. T. (2018). Directional tilt derivatives to enhance structural trends in aeromagnetic grids. *Journal of Applied Geophysics*, 159. <https://doi.org/10.1016/j.jappgeo.2018.10.004>.
- Subagio. (2018). Struktur Geologi Bawah Permukaan Pegunungan Selatan Jawa Barat Ditafsir dari Anomali Bouguer. *Jurnal Geologi dan Sumberdaya Mineral*, 19(4).
- Sudjatmiko. (1972). *Peta Geologi 1:100.000 Lembar Cianjur Jawa Barat*, Pusat Pengembangan dan Peneitian Geologi, Bandung, Indonesia.
- Sukamto, R. (1975). *Peta geologi lembar Jampang dan Balekambang*, Pusat Pengembangan dan Peneitian Geologi, Bandung, Indonesia.
- Supriyanto. (2007). *Analisis Data Geofisika : Memahami Teori Inversi*. Departemen Fisika FMIPA Universitas Indonesia, Depok.
- Susilohadi, S., Gaedicke, C., & Djajadihardja, Y. (2009). Structures and sedimentary deposition in the Sunda Strait, Indonesia. *Tectonophysics*, 467(1–4). <https://doi.org/10.1016/j.tecto.2008.12.015>.

- Talwani, M., Worzel, J. L., & Landisman, M. (1959). Rapid gravity computations for two-dimensional bodies with application to the Mendocino submarine fracture zone. *Journal of Geophysical Research*, 64(1). <https://doi.org/10.1029/jz064i001p00049>.
- Telford, W. M., Geldart, L. P., & Sheriff, R. E. (1990). Applied Geophysics. Dalam *Applied Geophysics*. <https://doi.org/10.1017/cbo9781139167932>
- Van Bemmelen, R. W. (1949). The Geology of Indonesia. General Geology of Indonesia and Adjacent Archipelagoes. Dalam *Government Printing Office, The Hague*.