

## DAFTAR PUSTAKA

- ANDEWI, N.T., 2021. PEMODELAN 3D BAWAH PERMUKAAN DAN ANALISIS DERIVATIF HORIZONTAL KABUPATEN KOLAKA, SULAWESI TENGGARA BERDASARKAN ANOMALI GRAVITASI ALTIMETRI TOPEX. (Doctoral dissertation, Universitas Gadjah Mada).
- ARIFAH, S.N., 2020. *Identifikasi Kondisi Geologi Bawah Permukaan Menggunakan Data Gravitasi di Area Sileri dan Sikidang Lapangan Panas Bumi Dieng, Banjarnegara, Jawa Tengah* (Doctoral dissertation, Universitas Gadjah Mada).
- Armstead, H. dan Christopher, H., 1983, *Geothermal Energy: Its Past, Present and Future Contribution to the Energy Needs of Man*, E. & F.N Spon, New York.
- ASTUTI, D.N., 2019. *IDENTIFIKASI KONTRAS DENSITAS DAN GEOMETRI SUMBER MAGMATISME PADA DAERAH POTENSI PANAS BUMI LAMONGAN VOLCANIC FIELD BERDASARKAN ANALISIS DATA GRAVITASI SATELIT TOPEX* (Doctoral dissertation, Universitas Gadjah Mada).
- Bhattacharya, B. K. 1978. A Fast Fourier Transform Method for Rapid Computation of Gravity and Magnetic Anomalies due to Arbitrary Bodies. *Geophysics Prospecting* 24, 633-649.
- Blakely, R. J., 1995, *Potential Theory in Gravity and Magnetic Applications*, Cambridge University Press, Cambridge.
- CAHYO, A.T., 2014. PERBANDINGAN METODE PROYEKSI KE BIDANG DATAR PADA DATA ANOMALI GRAVITASI; THE COMPARISON OF HORIZONTAL PLANE PROJECTION'S METHODS FOR GRAVITY ANOMALY DATA (Doctoral dissertation, Universitas Gadjah Mada).
- Cameron, N.R., Clarke, M.C.G., Aldis, D.T., Aspden, J.A., dan Djunuddin, A., 1980. The geology evolution of Northern Sumatra. *Proceedings 9th Annual Convention IPA*.
- Constable, S. C., Parker, R. L., dan Constable, C. G, 1987. Occam's Inversion: A Practical Algorithm for Generating Smooth Models from Electromagnetic Sounding Data. *Geophysics*, Vol. 52 (3), Hal:289-300.
- Dampney, C.N.G., 1969 The Equivalent Source Technique, *Geophysics*. Vol 34. No.1, P.39-53.

- Darman, H., and Sidi, F. H. (eds.), 2000, An Outline of Geology of Indonesia: IAGI, Jakarta.
- Dermawan, A., 2010. The Reconceptualization and Programming of Gravity Data Reduction and Gridding Using Visual Basic (Doctoral dissertation, Thesis S-2 UGM Yogyakarta).
- Desilva, R.E., 2018. Identifikasi Sistem Panas Bumi Daerah Prospek Elja pada Data Gravitasi dengan Menggunakan Metode Dekonvolusi Euler dan Pemodelan 3D (Doctoral dissertation, Universitas Gadjah Mada).
- Dohr, G., 1974, Applied Geophysics : Introduction to Geophysical Prospecting, Ferdinand Enke, Madison.
- Grandis, H., 2009. Pengantar Pemodelan Inversi Geofisika ITB. Himpunan Ahli Geofisika Indonesia (HAGI), Jakarta.
- Grant, F., dan West, G., 1965. Interpretation Theory in Applied Geophysics. United States: McGraw-Hill Book Company.
- Hadiwijoyo, R., 2011. Geothermal A green solution. Jakarta Post. Rabu, 1(26), p.2011.
- Hinze, W. J., Ferse, R. R., dan Saad, A. H, 2013. Gravity and Magnetic Exploration. Cambridge: Cambridge University Press.
- Kane, M. F., 1962, A Comprehensive System of Terrain Corrections Using a Digital Computer, Geophysics Vol.XXIVII, 455-462.
- LaFehr, T. R., 1991, Standardization in Gravity Reduction, Geophysics, Vol. 56, 1170-1178.
- Longman, I. M., 1959, Formulas for Computing the Tidal Accelerations Due to the Moon and the Sun, Journal of Geophysical Research, Vol 64 (12), 2351-2355.
- Lumbanbatu, U.M., 2009. MORFOGENETIK DAERAH LUBUKSIKAPING PROVINSI SUMATERA BARAT. Jurnal Geologi dan Sumberdaya Mineral, 19(2), pp.79-93.
- Menke, W., 1984, Geophysical data analysis: Discrete inverse theory, Academic Press.
- Nagy, D., 1966, The Prism Method for Terrain Correction Using Digital Computers, Dominion Observatory.
- Paar, R., Marendic, A., Mastelic-Ivic, S., Bašić, T. and Kapovic, Z., Report on Previous and Plan of Future Geodynamic Research in the Historical Centre

of Old City of Dubrovnik. Proceedings of the International Symposium on Engineering Geodesy-SIG 2016, p.182.

Pirttijärvi, M., 2008, GRABLOX: Gravity interpretation and modelling software based on 3D block model, version 1.5, user's guide, report: Q16.2/2004/2, Geological Survey of Finland.

Prihandana, R & Hendroko, R. 2008. Energi Hijau. Jakarta: Penebar Swadaya.

Reynolds, J.M., 1997. An Introduction to Applied and Environmental Geophysics. Chichester: John Wiley & Sons Ltd, Baffins Lane.

Rizqa, D., 2017. Identifikasi Struktur Geologi dan Tubuh Intrusi Pada Data Gravitasi Menggunakan Metode Second Horizontal Derivative dan Pemodelan 2, 5D Pada Daerah Potensi Panas Bumi Desa Ie Seuum, Aceh Besar (Doctoral dissertation, Universitas Gadjah Mada).

Rock, N.M.S., Aldiss, D.T., Aspden, J.A., Clarke, M.C.G., Djunuddin, A., Kartawa, W., Miswar, Thompson, S.J. and Whandoyo, R., 1983. Geologic Map of the Lubuksikaping Quadrangle, Sumatra. Scale 1:250 000. Puslitbang Geologi Bandung.

Sarkowi, Muh., 2011, Diktat Kuliah: Metode Eksplorasi Gayaberat, Universitas Lampung, Bandar Lampung.

Setianingsih, Efendi, R., Kadir, W.G.A., Santoso, D., Abdullah, A.I., Alawiyah, S. 2013. Gravity Gradient Technique to Identify Fracture Zones in Palu Koro Strike-Slip Fault. Procedia Environmental Sciences. Vol. 17 Hal: 248-255.

Setiawan, F., 2020. ANALISIS STRUKTUR BAWAH PERMUKAAN BERDASARKAN DATA GAYA BERAT PENGUKURAN BULAN JANUARI 2019 STUDI KASUS KAWASAN KOTA LAMA SEMARANG (Doctoral dissertation, Universitas Negeri Semarang).

Setyawan, A., 2005, Kajian Metode Sumber Ekuivalen Titik Massa pada Proses Pengangkatan Data Gravitasi ke Bidang Datar, Berkala Fisika, Vol. 8, 7-10

Sieh, K., Natawidjaja, D., 2000, "Neotectonics of the Sumatran Fault", Journal Of Geophysical Research, Vol.105.

Sinaga, E.P., Ekawati, G.M. and Irawati, S.M., 2019. Analisis dan Pemodelan Ke depan 2.5-D dan Inversi 3-D Struktur Bawah Permukaan Daerah Panas Bumi Forge Utah Berdasarkan Data Gayaberat.

Sudrajad, B., 2018, Pemodelan Struktur Bawah Permukaan Wilayah Kabupaten Nabire di Bagian Utara Leher Burung Pulau Papua Menggunakan Pemodelan Inversi Tiga Dimensi (3D) dan Analisis Horizontal Derivatif

Berdasarkan Data Anomali Gravitasi GGMPlus, (Tesis), Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada.

Suharyati, Pambudi, S. H., Wibowo, J. L., dan Pratiwi, N. I., 2019, Outlook Energi Indonesia 2019, Sekretariat Jenderal Dewan Energi Nasional (DEN), Jakarta.

Supriyanto. 2007. Analisis Data Geofisika: Memahami Teori Inversi. Depok: Departemen Fisika FMIPA Universitas Indonesia.

Telford, W. M., Geldart, L. P., dan Sheriff, R. E., 1990, Applied Geophysics, Cambridge University Press, Cambridge.

Telford, W.M., Geldart, L.P., Sheriff, R.E., 2004. Applied Geophysics 2 edition. Cambridge University Press. Cambridge.

Van Bemmelen, R. W., 1949, The Geology of Indonesia, vol IA, Government Printing Office, Den Haag.

Whitehead, N., 2010, Montaj Gravity and Terrain Correction, Geosoft Incorporate, Ontario.

Wulandari, F.I. and Setiawan, A., 2015. Pemodelan Struktur Bawah Permukaan 3D Purwokerto dan Sekitarnya Berdasarkan Data Anomali Gravitasi Bouguer Lengkap. Jurnal Fisika Indonesia, 19(57).