

## DAFTAR PUSTAKA

- Andari W, dkk,. (2019). Identifikasi Batas Sub-Cekungan Hidrokarbon Menggunakan Analisis Shd (Second Horizontal Derivative) Dan Svd (Second Vertical Derivative) Berdasarkan Korelasi Data Gayaberat Dan Seismik. *Jurnal Geofisika Eksplorasi Vol. 5/No. 1 Maret 2019: 60-74*
- Andrian, Jefri. 2018. *Pemetaan Struktur Basemen Menggunakan Metode Energy Spectral Analysis – Multi Window Test (ESA-MWT) Data Gravitas Pada Cekungan Sumatera Utara.* Universitas Indonesia.
- Asikin, S. (1974). *Evolusi tektonik Java Tengah dan sekitarnya ditinjau dari segi teori tektonik dunia yang baru.* PhD Thesis, ITB Bandung.
- Badan Geologi, KESDM. 2018. Indonesia Miliki 128 Cekungan Sedimen, Badan Geologi Terus Lakukan Eksplorasi. Diakses pada 23 November 2022, dari <https://www.esdm.go.id/id/media-center/news-archives/indonesia-miliki-128-cekungan-sedimen-badan-geologi-terus-lakukan-eksplorasi>
- Blakely, R.J. (1995) *Potential Theory in Gravity & Magnetic Applications.* Cambridge University Press, Cambridge
- Blakely, Richard J. (1996). *Potential Theory in Gravity and Magnetic Applications.* Cambridge: Cambridge University Press.
- Blow, W.H. (1969) Late Middle Eocene to Recent Planktonic Foraminiferal Biostratigraphy. In: Bronnimann, P. and Renz, H.H., Eds., *Proceedings of the 1st International Conference on Planktonic Microfossils, Geneva, Vol.1, 199-422.*
- Boggs, S. (2006). *Principles of Sedimentology and Stratigraphy.* Pearson Education, Inc., Upper Saddle River, 145-14
- Bothe, A.C.D., (1928). Geologische verkenningen in den Riouw Lingga Archipel en de enlandgroep de Poelau Toejoeh (*Anambas JURNAL GEOLOGI KELAUTAN Volume 8, No.1, April 2010 56 en Natuna eilanden*). Jaar.Mijnw. Ned. Ind. 1925, Batavia 1928. pp 60 – 76
- Brooks, J. & Fleet, A. (1987), Marine Petroleum Source Rocks. *Geological Society Special Publication No. 26 pp. 1-14.*
- Bronto, S. dan Hartono U., (2003). Strategi Penelitian Emas Berdasar Konsep Pusat

- Gunung Api. *Proseedings Koloqium ESDM* 2002, h. 172-189.
- Cordell, L., (1979). Gravity and aeromagnetic anomalies over basement structure in the Rolla quadrangle and the southeast Missouri lead district. *Economic Geology*, 74(6), pp. 1383-1394.
- Cordell, L. & Grauch, V., (1985). Mapping basement magnetization zones from aeromagnetic data in San Juan basin, New Mexico. In: *The utility of regional gravity and magnetic anomaly maps*. s.l.:Society of Exploration Geophysicists, p. 181.
- C Prasetyadi, Subandrio A, dkk,. (2022). Source Rock Potential of Nampol Formation Sumbermanjing Area, Malang, East Java, Indonesia Based on Geochemistry Analysis of the Selected Sample. *Scientific Contributions Oil & Gas*, Vol. 45. No. 1, April 2022: 53 – 63
- Demaison, G.J. and Moore, G.T. (1980) Anoxic Environments and Oil Source Rock Bed Genesis. *American Association of Petroleum Geologists Bulletin*, 64, 1179-1209.
- Einsele, G. (2000). *Sedimentary Basins. Evolution, Facies, and Sediment Budget*. Published online by Cambridge University Press: 31 January 2002
- Elawadi, E. A., (2005). *Subsurface Structural Mapping Using Gravity Data of Hohi Geothermal Area, Central Kyushu, Japan*. Antalya, Turkey, World Geothermal Congress.
- Gazali Rachman M, Abhimantra S, dkk,. (2016) Preliminary Study Of Hidrocarbon Potential In Intra Arc Basin Deposits: Case Study On Jaten Formation, Dongko, Trenggalek, East Java, Indonesia. *Conference: The 9 thAUN/SEED-Net Regional Conference on Geological and Geo-resourcesEngineering*
- Geosoft Inc. (2015). *MAGMAP Filtering How-To Guide*. [Www.Geosoft.Com](http://www.Geosoft.Com).
- Grandis, H. (2009). *Pengantar Pemodelan Inversi Geofisika*. Institut Teknologi Bandung
- Guntoro, A., (1996). *Tectonic evolution and crustal structure of the central Indonesian region from geology, gravity, and other geophysical data*. PhD Thesis, University of London

- Hartono, H.M.S., (1969). Globigerina marls and their planktonic Foraminiferal from Eocene of Nanggulan, Central Java : *Contrib.Cushman Found. For Foraminiferal Research*, 20 pt. 4:152-159.
- Hartono, G. (2000) *Studi gunung api Tersier: Sebaran pusat erupsi dan petrologi di Pegunungan Selatan, Yogyakarta*. Thesis Magister Teknik, Institut Teknologi Bandung, Bandung, 168 p (tidak diterbitkan).
- Hartono H.G, (2010) Geomorfologi Dan Petrologi Dalam Kajian Penentuan Lokasi Sumber Erupsi Gunung Api Purba Di Pegunungan Selatan, Daerah Istimewa Yogyakarta. In: *Seminar Nasional, Kementerian Pendidikan Nasional Kopertis Wilayah V Yogyakarta*, Agustus 2010, Kopertis wilayah V Yogyakarta.
- Hamilton, W. (1979). Tectonics of the Indonesian Region. *United States Geological Survey Professional paper*, 1078
- Heri, M.H dkk, (2020) Geokimia Organik Serpih Hidrokarbon Berumur Eosen di Daerah Sumatera Bagian Tengah. *Jurnal Geologi dan Sumberdaya Mineral Vol.21*. No.1 Februari 2020 hal 45-60
- Hinze, W., Frese, R.R.B.. and Saad, A.. (2013), *Gravity and Magnetic Exploration Principles , Practices , and Applications*, Cambridge UniversityPress, New York.
- Husein, S. and Sriyono (2007). Tinjauan Geomorfologi Pegunungan Selatan DIY/Jawa Tengah: telaah peran faktor endogenik dan eksogenik dalam proses pembentukan pegunungan. *Prosiding Seminar Potensi GeologiPegunungan Selatan dalam Pengembangan Wilayah, Pusat Survei Geologi, Yogyakarta*, 10 pp
- J. M. Hunt (1979). *Petroleum Geochemistry and Geology*. xxi+617 pp., 221 figs. Oxford: Freeman. ISBN 0 7167 1005 6. - Volume 117 Issue 4
- Katili, J.A., (1975). Volcanism and plate tectonic in Indonesian Island Arc. *Tectonophysics 26*: 165-188.
- Kearey, P., Brooks, M., dan Hill, I., (2002), *An Introduction to Geophysical exploration, London*: Blackwell Science
- Laghari, W. M., Baloch, M. U., Mengal, M. A. and Shah, S. J. (2014). *Performance Analysis of Analog Butterworth Low Pass Filter asCompared to Chebyshev Type-I Filter, Chebyshev Type-II Filter and*

- Elliptical Filter.* Circuits and Systems, Vol. 5, 209- 216.
- LaFehr, T. R dan Nabighian, M. N. (2012). *Fundamental Of Gravity Exploration.* SEG
- Lehmann, H. (1936) *Morphologische Studien auf Java:* Geographische Abhandlungen, Series 3, no. 9, pp. 1–114.
- Mallick, K. 2012. *Bouguer Gravity Regional an Residual Separation: Application to Geology and Environment.* Springer. New York.
- Miller, H.G. and Singh, V. (1994) Potential Field Tilt a New Concept for Location of Potential Field Sources. *Journal of Applied Geophysics*, 32, 213-217
- Nahrowi, T.Y., Suratman, Namida, S., Hidayat, S., (1978). *Geologi Pegunungan Selatan Jawa Timur*, Bagian Eksplorasi PPTKGD Lemigas Cepu (tidak diterbitkan).
- Nettleton. L.L. (1976). *Gravity and Magnetics in Oil Prospecting.* New York: McGraw Hill
- Pannekoek, A.J. (1949) Outline of the Geomorphology of Java. *Reprint from Tijdschrift van Het Koninklijk Nederlandsch Aardrijkskundig Genootschap*, vol. LXVI part 3, E.J. Brill, Leiden, pp. 270-325
- Paarmann, L. D. (2003). *Design and Analysis of Analog Filters: A Signal Processing Perspective.* Kluwer Academic Publishers, New York.
- Peters, K.E. and Cassa, M.R. (1994) Applied Source-Rock Geochemistry. In: *Magoon, L.B. and Dow, W.G., Eds., The Petroleum System.* From Source to Trap, American Association of Petroleum Geologists, Tulsa, 93-120
- Pringgoprawiro, H and Purnamanungsih (1973), *Data Baru yang diperoleh Mengenai Formasi Nanggulan, Progo Barat, Jawa Tengah*, Pada Pertemuan kedua IAGI Bandung.
- Pringgopawiro, H., (1968). *On the Age of Sentolo Formation Based on Planktonik.*, Dept. of Geology, ITB Bandung.
- Pulunggono, A. and Martodjojo, S. (1994) Perubahan tektonik Paleogen-Neogen merupakan peristiwa tektonik terpenting di Jawa. *Proceeding Geologi dan Geotek Pulau Jawa, Yogyakarta*, 37-49
- Reynold,J.M., (1997), *An Introduction to Applied and Environmental Geophysics.* England. John Wiley and Sons.

- Reynolds, J. M. (2011). *An Introduction to Applied and Environmental Geophysics*. New York, NY: Wiley-Blackwell.
- Reid, A. B., Allsop, J.M., Granser, H., Millet, A.J., & Somerton, I.W., 1990. *Magnetic interpretation in three dimensions using Euler deconvolution*. *Geophysics*, 55(1), p. 80–91.
- Sampurno dab Samodra. (1997). *Peta Geologi Lembar Ponorogo, Jawa*. Pusat Penelitian dan Pengembangan Geologi. Bandung.
- Samodra, H., S. Gafoer, and S. Tjokrosapoetro (1992) *Peta Geologi Lembar Pacitan, Jawa*. Pusat Penelitian dan Pengembangan Geologi
- Sarkowi, M., (2010). Identifikasi Struktur Daerah Panasbumi Ulubelu Berdasarkan Analisa Data SVD Anomali Bouguer. *Jurnal Sains MIPA*, Vol. 16, No.2, Hal.:111-118
- Sartono, S. (1964) Stratigraphy and Sedimentation of the Easternmost Part of Gunung Sewu (East Djawa). *Publikasi Teknik Seri Geologi Umum*, no. 1, Direktorat Geologi, Bandung, 95 p
- Satyana, A.H., (2007). Central Java, Indonesia - A Terra Incognita in petroleum exploration: New considerations on the tectonic evolution and petroleum implications, *Proceedings Indonesian Petroleum Association, 31 Annual Convention and Exhibition*, Jakarta
- Setiadi, I. dan Achmad W P., (2018). Pola Struktur dan Konfigurasi Geologi Bawah Permukaan Cekungan Jawa Barat Utara Berdasarkan Analisis Gayaberat. *Jurnal Geologi dan Sumberdaya Mineral Vol.19. No.2 Mei 2018hal 59 - 72*
- Setiadi, I. dan Sobari, I., (2005). Aplikasi gaya berat dan geolistrik Mise-A-La-Masse untuk pendugaan struktur geologi bawah permukaan danimplikasinya terhadap mineralisasi di daerah Wonogiri, Jawa Tengah. *Jurnal Sumber Daya Geologi*, XV (1): 26-37
- Simandjuntak, T. O., & Barber, A. J. (1996). Contrasting tectonic styles in the Neogene orogenic belts of Indonesia. *Geological Society, London, Special Publications*, 106(1), 185-201.
- Soeria-Atmadja, R., Maury, R.C., Bellon, H., Pringgoprawiro, H., Polves, M., Priadi, B. (1994) Tertiary Magmatic Belts in Java, *Journal of Southeast Asian Earth Science* 9: 13–27

- Sribudiyani, Muchsin, N., Ryacudu, R., Kunto, T., Astono, P., Prasetya, I., Sapiie, B., Asikin, S., Harsolumakso, A.H., dan Yulianto, I., 2003. The collision of the East Java Microplate and its implication for hydrocarbon occurrences in the East java Basin. *Proceedings Indonesian Petroleum Association*, 29 Annual Convention and Exhibition
- Sujanto, F.X., Roskamil, (1975). The Geology and Hydrocarbon Aspects of the South Central Jawa. *4th Annual Convention of the Indonesian Petroleum Association 1974*, Bandung
- Suparka, M. E. (1988). *Studi petrologi dan geokimia batuan o olit di daerah Karangsambung Utara, Luk Ulo, Jawa Tengah* (Disertasi doktor). ITB, Bandung
- Surono, Toha, B., dan Sudarno, I, (1992). *Peta Geologi Lembar Surakarta-Giritontro, Jawa, Skala 1:100.000*. Pusat Penelitian dan Pengembangan Geologi, Bandung
- Surono (2005) Sejarah Aliran Bengawan Solo: Hubungannya dengan Cekungan Baturetno Kabupaten Wonogiri, Jawa Tengah. Publikasi *Ilmiah Pendidikan dan Pelatihan Geologi Bandung, volume I no. 2*, pp. 77-87
- Surono M,dkk. (2013). Hubungan Lembah Sadeng, Cekungan Baturetno Dan Teras Bengawan Solo,Jawa Bagian Tengah. *Badan Geologi, KESDM. Geo-Sciences*
- Suyoto. (1992). *Stratigrafi Sikuen Cekungan Depan Busur Neogen Jawa Selatan Berdasarkan Data Di Daerah Pegunungan Selatan Yogyakarta* (Tesis Master). Institut Teknologi Bandung, Bandung.
- Telford, W. M. et al, (1990). *Applied Geophysics*. Cambridge University Press. New York
- Van Bemmelen, R. W., (1949). *The Geology of Indonesia*, Vol. IA, General Geology of Indonesia and Adjacent Archipelagoes, Martinus Nijhoff, The Hague, Netherlands, 732.h.
- Whitehead, N dan C. Musselman, 2007.Tutorial: *Montaj Magmap Filtering (2DFrequency Domain Processing of PotentialField Data Extention for Oasis Montaj6.4)*, Geosoft Inc.

- Wijono, S. (1992) Stratigrafi dan Sedimentasi Endapan Kquarter di Daerah Eramoko, Wonogiri. *Proceedings Pertemuan Ilmiah Tahunan Ikatan Ahli Geologi Indonesia XXI*, Yogyakarta, pp. 437- 462
- William, H. (2013). *Gravity and Magnetic Exploration*. Cambridge University Press. New York
- Zain, M. A., Rozi, M. F., Septikasari, A. N., Nuruddianto, M., Supriyanto, & Zarkasyi, A. (2015). Studi Penerapan Metode Analisis Derivatif Pada Data Potensial Gravitasi. (*Prosiding Seminar Nasional Fisika 2015, IV*, 65–70. <http://snf-unj.ac.id/kumpulan-prosiding/snff2015/>)