



DAFTAR PUSTAKA

- Abdel Zaher, M., Saibi, H., Mansour, K., Khalil, A., dan Soliman, M. (2017). Geothermal Exploration Using Airborne Gravity and Magnetic Data at Siwa Oasis, Western Desert, Egypt. *Renewable and Sustainable Energy Reviews*, 82(October 2017), 3824–3832. <https://doi.org/10.1016/j.rser.2017.10.088>
- Abidin, H. Z. (2007). *Penentuan Posisi dengan GPS dan Aplikasinya*. Jakarta: PT Pradnya Paramitas.
- Blakely, dan Richard, H. (1995). *Potential Theory in Gravity and Magnetic Application*. New York: Cambridge University Press.
- Dawidowicz, K., dan Krzan, G. (2014). Coordinate Estimation Accuracy of Static Precise Point Positioning Using on- Line PPP Service , a Case Study Coordinate Estimation Accuracy of Static Precise Point, (November). <https://doi.org/10.1007/s40328-013-0038-0>
- Dwivedi, R. (2016). GPS And GLONASS Combined Static Precise Point Positioning (PPP), (June). <https://doi.org/10.5194/isprsarchives-XLI-B1-483-2016>
- Firdaus, M. W., Setyawan, A., dan Yusuf, M. (2016). Identifikasi Letak dan Jenis Sesar Berdasarkan Metode Gayaberat Second Vertical Gradient Studi Kasus Sesar Lembang, Kota Bandung, Jawa Barat. *Youngster Physics Journal*, 5, 21–26.
- Forsberg, R. (2002). Downward Continuation of Airborne Gravity Data - an Arctic Case Study. *Gravity and Geoid 2002 - 3rd Meeting of the IGGC*, 51–56.
- Forsberg, R., Olesen, A., Bastos, L., Gidskehaug, A., Meyer, U., dan Timmen, L. (2000). Airborne Geoid Determination. *Earth, Planets and Space*, 52(10), 863–866. <https://doi.org/10.1186/BF03352296>
- Forsberg, R., Olesen, A. V., Alshamsi, A., Ses, S., Kadir, M., Peter, B., Peter, B. (2012). Airborne Gravimetry Survey for the Marine Area of the United Arab Emirates Airborne Gravimetry Survey for the Marine Area of the United Arab Emirates. *Marine Geodesy*, 221–232. <https://doi.org/10.1080/01490419.2012.672874>
- Haeruddin, N. (2016). *Model Sistem Panas Bumi Rajabasa dengan Menggunakan Metode Geofisika Terpadu*. Universitas Gadjah Mada.
- Hartanto, P. (2016). Penggunaan Kinematik GNSS Precise Point Positioning (PPP) pada Survei Gayaberat Airborne Sulawesi (The Application of Kinematic GNSS Precise Point Positioning (PPP) for Sulawesi Airborne Gravity Survey), (2012), 83–92.
- Hidayat, N., dan Basid, A. (2011). Analisis Anomali Gravitasi Sebagai Acuan Dalam Penentuan Struktur Geologi Bawah Permukaan dan Potensi Geothermal (Studi



- Kasus Di Daerah Songgoriti Kota Batu). *Jurnal Neutrino.*, 4(0), 35–47. <https://doi.org/10.18860/neu.v0i0.1659>
- Hofmann Wellenhof, B., dan Moritz Helmut. (2005). *Physical Geodesy*. New York: SpringerWienNewYork.
- Kahar, W. A., Lantu, dan Maria. (2016). Studi Struktur Daerah Prospek Geothermal dengan Metode Dekonvolusi Euler terhadap Anomali Gravitas. Makassar. Retrieved from <http://repository.unhas.ac.id/handle/123456789/22253>
- Li, W., Liu, Y., Li, B., dan Luo, F. (2016). Hydrocarbon Exploration in the South Yellow Sea Based on Airborne Gravity, China. *Journal of Earth Science*, 27(4), 686–698. <https://doi.org/10.1007/s12583-015-0607-y>
- Martín, A., Anquela, A. B., Berné, J. L., dan Sanmartin, M. (2012). Kinematic GNSS-PPP Results from Various Software Packages and Raw Data Configurations, 7(3), 419–431. <https://doi.org/10.5897/SRE11.1885>
- Neumeyer, J., Schäfer, U., Kremer, J., Pflug, H., dan Xu, G. (2009). Derivation of Gravity Anomalies from Airborne Gravimeter and IMU Recordings-Validation with Regional Analytic Models Using Ground and Satellite Gravity Data. *Journal of Geodynamics*, 47(4), 191–200. <https://doi.org/10.1016/j.jog.2008.08.001>
- Noor, D. (2012). *G e o l o g i* (kedua). Bogor: Program Studi Teknik Geologi Fakultas Teknik Universitas Pakuan.
- Prasetyaningsih, D. (2012). Partisipasi Indonesia dalam Pembahasan Sistem Satelit Navigasi Global (Global Navigation Satellite System) dalam Sidang Uncopuos. *Berita Dirgantara*, 13, 121–130.
- Rahman, M., dan Susilo, A. (2014). Pendugaan Struktur Bawah Permukaan 2½ Dimensi di Kawasan Gunungapi Kelud Berdasarkan Survei Gravitasi, 2(3), 221–228.
- Reynolds. (1996). *An Introduction to Applied and Environmental Geophysics*. John Wiley and Sons.
- Sander, S., Argyle, M., Elieff, S., Ferguson, S., Lavoie, V., dan Sander, L. (2005). The AIRGrav Airborne Gravity System. *CSEG Recorder*, (October), 32–36.
- Sari, E. P., dan Subakti, H. (2015). Identification of Baribis Fault – West Java Using Second Vertical Derivative Method of Gravity. *4th International Symposium on Earthquake and Disaster Mitigation 2014*. <https://doi.org/10.1063/1.4915024>
- Sarkowi, M. (2014). *Eksplorasi Gaya Berat*. Yogyakarta: Graha Ilmu.
- Sompotan, A. F. (2012). *Struktur Geologi Sulawesi*. Bandung: Perpustakaan Sains Kebumian Institut Teknologi Bandung.



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Sunaryo. (2007). *Studi Zona Mineralisasi di Kawasan Malang Selatan Jawa Timur Menggunakan Metode Geofisika Terpadu*. Universitas Gadjah Mada.

Telford, W. M., Geldart, L. P., dan Sheriff, R. E. (1990). *Applied Geophysics* (Second Edi). Press Syndicate of the University of Cambridge.
<https://doi.org/10.1017/CBO9781139167932>

Telford, W. M., Goldrat, L. ., dan Sheriff, R. . (1976). *Applied Geophysics 1st edition*. Cambridge: Cambridge University Press.

Tim Pusat Studi Gempa Nasional. (2017). *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017*. Bandung: Pusat Penelitian dan Pengembangan Perumahan dan Permukiman, Badan Penelitian dan Pengembangan, Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Van Leeuwen, T. M., dan Pieters, P. E. (2011). Mineral Deposits of Sulawesi. *Proceedings of the Sulawesi Mineral Resources*, (December), 1–10.
<https://doi.org/10.13140/2.1.3843.2322>

Witchayangkoon, B. (2000). *Elements of GPS precise point positioning*. University of Maine. <https://doi.org/10.13140/RG.2.1.3282.6402>

Zhao, Q., Xu, X., Forsberg, R., dan Strykowski, G. (2018). Improvement of Downward Continuation Values of Airborne Gravity Data in Taiwan, 1–14.
<https://doi.org/10.3390/rs10121951>