



## **DAFTAR PUSTAKA**

- Andersen, O. B. (2013). Marine gravity and geoid from satellite altimetry. In *Lecture Notes in Earth System Sciences* (Vol. 110). [https://doi.org/10.1007/978-3-540-74700-0\\_9](https://doi.org/10.1007/978-3-540-74700-0_9)
- Asso, D. I., & Heliani, L. S. (2020). *ANALISIS PENGARUH PENGGUNAAN METODE GAUSSIAN FILTER DAN WIENER FILTER DALAM DOWNWARD DATA AIRBORNE TERHADAP KETELITIAN MODEL GEOID ( Studi Kasus : Pulau Sulawesi ) SKRIPSI* Oleh :
- Bajracharya, S. (2003). Terrain Effects on Geoid Determination. *UCGE Reports, 20181.*  
[http://www.ucalgary.ca/engo\\_webdocs/MGS/03.20181.SBajracharya.pdf](http://www.ucalgary.ca/engo_webdocs/MGS/03.20181.SBajracharya.pdf)
- BIG. (2013). *Peraturan Kepala Badan Informasi Geospasial No. 15 Tahun 2013 tentang Sistem Referensi Geospasial Indonesia 2013. 1995(Dgn 95).*  
<http://jdih.big.go.id/hukumdownload/3140>
- D.Ghilani, C. (2010). *ADJUSTMENT COMPUTATIONS Spatial Data Analysis. In John Wiley & Sons (5th ed.). Canada: Inc., Hoboken, New Jersey.*
- Fadhilah, F. Z. (2020). *Pemodelan Geoid Pulau Sulawesi Dengan Integral Hotine Menggunakan Data Airborne Gravity.* 127.
- Forsberg, R., Olesen, A., Bastos, L., Gidskehaug, A., Meyer, U., & Timmen, L. (2000). Airborne geoid determination. *Earth, Planets and Space*, 52(10), 863–866. <https://doi.org/10.1186/BF03352296>
- Heliani, L. S., Fukuda, Y., & Takemoto, S. (2004). Simulation of the Indonesian land gravity data using a digital terrain model data. *Earth, Planets and Space*, 56(1), 15–24. <https://doi.org/10.1186/BF03352487>
- Hofmann-Wellenhof, B. (2006). *Physiocal Geodesy.*
- Hofmann-Wellenhof, B., & Moritz, H. (2005). Physical geodesy. *Physical Geodesy*, 1–405. <https://doi.org/10.1007/b139113>
- Ibrahim Yahaya, S., & El Azzab, D. (2018). High-resolution residual terrain model and terrain corrections for gravity field modelling and geoid computation in Niger Republic. *Geodesy and Cartography*, 44(3), 89–99.  
<https://doi.org/10.3846/gac.2018.3787>



- Jekeli, C., Yang, H. J., & Kwon, J. H. (2013). Geoid determination in South Korea from a combination of terrestrial and airborne gravity anomaly data. *Journal of the Korean Society of Surveying Geodesy Photogrammetry and Cartography*, 31(6 PART 2), 567–576. <https://doi.org/10.7848/ksgpc.2013.31.6-2.567>
- Laible, J. P., & Pinder, G. F. (1989). *Least Squares Collocation Solution of.* 361(2).
- Li, Y. (2000). Airborne Gravimetry for Geoid Determination. *National Library of Canada*, 1–162. <https://doi.org/10.11575/PRISM/10791>
- Migliaccio, F., Reguzzoni, M., Sanso, F., & Tscherning, C. C. (2003). Collocation versus numerical integration in GOCE data analysis. *Journal of Geodesy*, January, 1–9.
- Noor, T. (2012). *Aplikasi Data Gayaberat Untuk Pemetaan Geoid Dengan Metode Remove-Restore Di Wilayah Selat* Universitas Indonesia Aplikasi Data Gayaberat Untuk Pemetaan Geoid Dengan Metode Remove-Restore Di Wilayah Selat.
- Pahlevi, A., Pangastuti, D., Sofia, N., & Adolfientje. (2015). Determination of Gravimetric Geoid Model in Sulawesi – Indonesia. *Arisauna Pahlevi, May*, 17–21.
- Pavlis, N. K., Holmes, S. A., Kenyon, S. C., & Factor, J. K. (2012). The development and evaluation of the Earth Gravitational Model 2008 (EGM2008). *Journal of Geophysical Research: Solid Earth*, 117(4), 1–38. <https://doi.org/10.1029/2011JB008916>
- Ramouz, S., Afrasteh, Y., Reguzzoni, M., Safari, A., & Saadat, A. (2019). IRG2018: A regional geoid model in Iran using Least Squares Collocation. *Studia Geophysica et Geodaetica*, 63(2), 191–214. <https://doi.org/10.1007/s11200-018-0116-4>
- Sadiq, M., Tscherning, C. C., & Ahmad, Z. (2009). An estimation of the height system bias parameter N0 using least squares collocation from observed gravity and GPS-levelling data. *Studia Geophysica et Geodaetica*, 53(3), 375–388. <https://doi.org/10.1007/s11200-009-0026-6>
- Sanso, F., & Sideris, M. G. (n.d.). Lecture Notes in Earth System Sciences. In *Springer*. <http://link.springer.com/content/pdf/10.1007/978-3-540-74700-0.pdf>
- Saxov, Svend; Nygaard, Kurt. (1952). *Residual Anomalies and Depth Estimation*.



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GADJAH MADA

Evaluasi Pemodelan Geoid Lokal dari Data Gayaberat Airborne dan Laut Menggunakan Metode Hitung  
Perataan Kolokasi  
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- Sipil, T. (2017). *Data Pengukuran Gayaberat Timur Metode Penginderaan.*
- SRGI, B. (2013). *Informasi Produk Model Geoid Indonesia. 2008(Egm 2008)*, 4–6.
- Sutejo, F. (2018). *EVALUASI VARIAN DATA MODEL TERAIN DIGITAL DALAM PENENTUAN MODEL GEOID LOKAL ( Studi kasus : D . I . Yogyakarta ) ( Evaluation of Digital Terrain Models for Local Geoid Determination.*
- Triarahmadhana, B., Heliani, L. S., & Widjajanti, N. (2014). Pemodelan Geoid Lokal D . I . Yogyakarta menggunakan Metode Fast Fourier Transformation dan Least Square Collocation. *Conference on Geospatial Information Science and Engineering, September.*
- Tscherning, C. C. (2016). *Encyclopedia of Geodesy*. 1–5.  
<https://doi.org/10.1007/978-3-319-02370-0>
- Vaníček, P., Sun, W., Ong, P., Martinec, Z., Najafi, M., Vajda, P., & Ter Horst, B. (1996). Downward continuation of Helmert's gravity. *Journal of Geodesy*, 71(1), 21–34. <https://doi.org/10.1007/s001900050072>
- Vergos, G. S., Tziavos, I. N., & Andritsanos, V. D. (2005). On the determination of marine geoid models by least-squares collocation and spectral methods using heterogeneous data. *International Association of Geodesy Symposia*, 128, 332–337. [https://doi.org/10.1007/3-540-27432-4\\_57](https://doi.org/10.1007/3-540-27432-4_57)