



## DAFTAR PUSTAKA

- Abbak, R. A., Erol, B., & Ustun, A. (2012). Comparison of the KTH and remove-compute-restore techniques to geoid modelling in a mountainous area. *Computers and Geosciences*, 48, 31–40. <https://doi.org/10.1016/j.cageo.2012.05.019>
- Abbak, R. A., & Ustun, A. (2015). A software package for computing a regional gravimetric geoid model by the KTH method. *Earth Science Informatics*, 8(1), 255–265. <https://doi.org/10.1007/s12145-014-0149-3>
- Badan Informasi Geospasial. (2018). *Sistem Referensi Gospasial Indonesia : Informasi Model Geoid INAGEOID2020 versi 2.0.* <http://www.big.go.id/>
- Badan Informasi Geospasial. (2021). *DEMNAS Seamless Digital Elevation Model (DEM) dan Batimetri Nasional.* <http://www.big.go.id/>
- 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)
- Chapin, D. A. (1996). The theory of the Bouguer gravity anomaly: A tutorial. *Leading Edge (Tulsa, OK)*, 15(5), 361. <https://doi.org/10.1190/1.1437341>
- Fackhruddin, A. W. (2019). *Analisis Resolusi dan Akurasi Vertikal Model Elevasi Digital Nasional.* Universitas Gadjah Mada.
- Florinsky, I. V. (1998). Combined analysis of digital terrain models and remotely sensed data in landscape investigations. *Progress in Physical Geography*, 22(1), 33–60. <https://doi.org/10.1177/030913339802200102>
- Forsberg, R. (1984). A study of terrain reductions, density anomalies and geophysical inversion methods in gravity field modelling (No. OSU/DGSS-355). Ohio State Univ Columbus Dept of Geodetic Science and Surveying. In *Ohio State Univ Columbus Dept of Geodetic Science and Surveying*.
- GEBCO Bathymetric Compilation Group 2022 (2022). The GEBCO\_2022 Grid - a continuous terrain model of the global oceans and land. NERC EDS British Oceanographic Data Centre NOC. doi:10.5285/e0f0bb80-ab44-2739-e053-6c86abc0289c
- Ghilani, C. D. (2010). Adjustment Computations. In *Adjustment Computations*. <https://doi.org/10.1002/9781119390664>
- Haining, R., & Li, G. (2020). Modelling Spatial and Spatial Temporal Data A Bayesian Approach. In *CRC Press*.
- Heiskanen, W. A., & Moritz, H. (1967). Physical geodesy (J. Giluly & A. O. Woodford, Eds.). San Francisco: W. H. Freeman and Company.
- Heliani, L. S. (2016). Evaluation of global geopotential model and its application on local geoid modelling of Java Island, Indonesia. *AIP Conference Proceedings*, 1755. <https://doi.org/10.1063/1.4958534>
- Hofmann-Wellenhof, B., & Moritz, H. (2005). Physical geodesy. Springer, Vienna. <https://doi.org/10.1007/b139113>
- Hofmann-Wellenhof, B., & Moritz, H. (2006). *Physical Geodesy*. Springer, Vienna.
- Hwang, C., Hsiao, Y. S., & Shih, H. C. (2006). Data reduction in scalar airborne gravimetry: Theory, software and case study in Taiwan. *Computers and Geosciences*, 32(10), 1573–1584. <https://doi.org/10.1016/j.cageo.2006.02.015>
- Ilias, D. (2008). *Determination of Gravimetric Geoid Model of Greece Using The Method KTH*.
- Jalal, S. J., Musa, T. A., Md Din, A. H., Wan Aris, W. A., Shen, W. Bin, & Pa'suya, M. F. (2019). Influencing factors on the accuracy of local geoid model. *Geodesy and Geodynamics*, 10(6), 439–445. <https://doi.org/10.1016/j.geog.2019.07.003>



- Jiang, T., Dang, Y., & Zhang, C. (2020). Gravimetric geoid modeling from the combination of satellite gravity model, terrestrial and airborne gravity data: a case study in the mountainous area, Colorado. *Earth, Planets and Space*, 72(1). <https://doi.org/10.1186/s40623-020-01287-y>
- Keputusan Kepala BIG Nomor 81 Tahun 2020 tentang INAGEOID2020. <https://www.big.go.id/>
- Kusuma, M. R. P., Anjasmara, I. M., & Pahlevi, A. M. (2022). *Pembuatan Model Geoid Lokal Menggunakan Data Gayaberat Airborne dan Model Geoid Global ( EGM2008 ) ( Studi Kasus : Pulau Bali )*
- Longman, I. M. (1959). Formulas for computing the tidal correction due to the moon and the sun. *Journal of Geophysical Research*, 64(12), 2351–2356.
- Oyana, T. J. (2015). *Spatial Analysis with R : Statistics, Visualization, and Computational Methods Second Edition*.
- Pahlevi, A. M., Sofian, I., Pangastuti, D., & Wijanarto, A. B. (2018). Updating Model Geoid Indonesia. *Seminar Nasional Geomatika*, 3, 761–770. <https://doi.org/10.24895/sng.2018.3-0.1063>
- Peraturan Badan Informasi Geospasial Republik Indonesia Nomor 13 Tahun 2021 tentang Sistem Referensi Geospasial Indonesia
- Rexer, M., & Hirt, C. (2016). Evaluation of intermediate TanDEM-X digital elevation data products over Tasmania using other digital elevation models and accurate heights from the Australian National Gravity Database. *Australian Journal of Earth Sciences*, 63(5), 599–609. <https://doi.org/10.1080/08120099.2016.1238440>
- Reza, M. K., Sutomo, K., & Sabri, L. M. (2013). Pembuatan Peta Model Undulasi Lokal (Study Kasus : Kecamatan Rao, Kabupaten Pasaman-Sumatera Barat). *Jurnal Geodesi Unndip*, 2(April), 54–66.
- Sandwell, D. T., Harper, H., Tozer, B., & Smith, W. H. F. (2019). Gravity field recovery from geodetic altimeter missions. *Advances in Space Research*, 1–15. <https://doi.org/10.1016/j.asr.2019.09.011>
- Sandwell, D. T., & Smith, W. H. F. (2009). Global marine gravity from retracked Geosat and ERS-1 altimetry: Ridge segmentation versus spreading rate. *Journal of Geophysical Research: Solid Earth*, 114(1), 1–18. <https://doi.org/10.1029/2008JB006008>
- Sanso, F., & Sideris, M. G. (2013). Geoid Determination Theory and Methods Lecture Notes in Earth System Sciences. In *Springer Verlag Berlin Heid*. <http://link.springer.com/content/pdf/10.1007/978-3-540-74700-0.pdf>
- Smith, M. de, Goodchild, M. F., & Longley, P. A. (2023). *Geospatial Analysis : A Comprehensive Guide to Principles, Techniques and Software Tools*. <https://doi.org/10.4324/9781351044677-22>
- Sneeuw, N. (2006). Physical Geodesy. In *Lecture notes*. <https://doi.org/10.1007/BF02530297>
- Stig-Göran, M. (2002). Height determination by GPS-Accuracy with Respect to Different Geoid Models in Sweden. *FIG XXII International Congress, January 2002*, 1–13.
- Sulaiman, M. N., Anjasmara, I. M., & Putra, W. (2023). Pemodelan Geoid Gravimetrik Pulau Jawa dengan Metode Fast Fourier Transform Menggunakan Data Gayaberat Airborne, Terestris, dan Model Geoid Global GOCO06s. *Geoid*, 19(1), 131. <https://doi.org/10.12962/j24423998.v19i1.18179>
- Sulaiman, S. A. H., Talib, K., & Yusof, O. (2014). Geoid Model Estimation without Additive Correction Using KTH Approach for Peninsular Malaysia. *FIG Congress 2014, June 2014*, 16–21.



- [http://www.fig.net/pub/fig2014/papers/ts02a/TS02A\\_hj\\_sulaiman\\_hj\\_talib\\_et\\_al\\_6809.pdf](http://www.fig.net/pub/fig2014/papers/ts02a/TS02A_hj_sulaiman_hj_talib_et_al_6809.pdf)
- Sutejo, F., Leni, D., & Heliani, S. (2021). *Evaluation of Digital Terrain Models for Local Geoid Determination a Case Study in D.I. Yogyakarta Province, Indonesia*. 9–18. <http://dx.doi.org/10.24895/JIG.2021.27-1.1155>
- Tenzer, R., Novák, P., Moore, P., Kuhn, M., & Vaníček, P. (2006). Explicit formula for the geoid-quasigeoid separation. *Studia Geophysica et Geodaetica*, 50(4), 607–618. <https://doi.org/10.1007/s11200-006-0038-4>
- Torge, W. (1989). *Gravimetry*. Walter de Gruyter, Berlin
- Torge, W. (2001). *Geodesy*. Berlin, New York: De Gruyter. <https://doi.org/https://doi.org/10.1515/9783110879957>
- Torge, W., & Müller, J. (2012). *Geodesy*. Walter de Gruyter, Berlin
- Tozer, B., Sandwell, D. T., Smith, W. H. F., Olson, C., Beale, J. R., & Wessel, P. (2019). Global Bathymetry and Topography at 15 Arc Sec: SRTM15+. *Earth and Space Science*, 6(10), 1847–1864. <https://doi.org/10.1029/2019EA000658>
- Triarahmadhana, B., & Heliani, L. S. (2014a). An Evaluation of the Use of SRTM Data to the Accuracy of Local Geoid Determination : A Case Study of Yogyakarta Region , Indonesia. *12th Biennial Conference of Pan Ocean Remote Sensing Conference (PORSEC 2014), November*, 4–7.
- Triarahmadhana, B., & Heliani, L. S. (2014b). Evaluation of GOCE 's Global Geopotential Model to The Accurature of Local Geoid ( Case Study : Java Island , Indonesia ) Evaluation of GOCE 's Global Geopotential Model to The Accurature of Local Geoid ( Case Study : Java Island , Indonesia ). *FIG Congress 2014, June 2014*, 1–13.
- Triarahmadhana, B., Heliani, L. S., & Putra, W. (2023). *Pemodelan Quasigeoid Lokal dari Data Gayaberat Teristris Menggunakan Formula Hotine*. 18(2), 197–207.
- Vanicek, P., & Christou, N. T. (2020). GEOID and Its GEOPHYSICAL INTERPRETATIONS. In *GEOID and Its GEOPHYSICAL INTERPRETATIONS*. <https://doi.org/10.1201/9781003068068>
- Vermeer, M. (2020). PHYSICAL GEODESY. In *School of Engineering*. Aalto University. <https://doi.org/10.1007/b139113>
- Yang, H. J. (2013). *Geoid Determination Based on a Combination of Terrestrial and Airborne Gravity Data in South Korea*. 507, 29–58. <https://doi.org/10.7848/ksgpc.2013.31.6-2.567>
- Yap, L., Kandé, L. H., Nouayou, R., Kamguia, J., Ngouh, N. A., & Makuate, M. B. (2019). Vertical accuracy evaluation of freely available latest high-resolution (30 m) global digital elevation models over Cameroon (Central Africa) with GPS/leveling ground control points. *International Journal of Digital Earth*, 12(5), 500–524. <https://doi.org/10.1080/17538947.2018.1458163>
- Yildiz, H., Forsberg, R., Ågren, J., Tscherning, C., & Sjöberg, L. (2012). Comparison of remove-compute-restore and least squares modification of Stokes' formula techniques to quasi-geoid determination over the Auvergne test area. *Journal of Geodetic Science*, 2(1), 53–64. <https://doi.org/10.2478/v10156-011-0024-9>