

DAFTAR PUSTAKA

- Abidin, H. Z. 1994. *Modul Global Positioning System*. Bandung: ITB.
- Abidin, H. Z. 2001. *Geodesi Satelit*. PT. Pradnya Paramita. Jakarta.
- Akyilmaz, O., Ustun, A., Aydin, C., Arslan, N., Doganalp, S., Guney, C., Mercan, H., Uygur, S.O., Uz, M., Yagci, O. 2016. *High Resolution Gravity Field Determination and Monitoring of Regional Mass Variations using Low-Earth Orbit Satellites*. Quelle nicht nachvollziehbar, zu aktuelle. Wo erschienen.
- Amin, M. M., Refaat, M. M., & Ruby, A.-E. 2017. *Satellite-only Versus Combined High Degree Global Geopotential Model Tailored to Gravity Field in Egypt, Using Integral Formulas*. IJRDO-Journal of Applied Science, 3(8), 35-47.
- Bajracharya, S. 2003. *Effects on Geoid Determination*. Department of Geomatics Engineering University of Calgary, Calgary, Alberta, Canada.
- Barthelmes, F., Drewes, H., Kuglitsch, F., Adam, J., & Rozsa, S. 2016. *Journal of Geodesy the Geodesist's Handbook* (Vol. 90). International Union of Geodesy and Geophysics (IUGG).
- Baur, Oliver & Austen, G. & Keller, W. 2007. *Efficient Satellite Based Geopotential Recovery*. 10.1007/978-3-540-36183-1_36.
- Bayoud, Fadi Atef. 2001. *Some Investigations on Local Geoid Determination from Airborne Gravity Data*. Skripsi. Department of Geodetic Engineering University of Calgary, Alberta.
- Bettadpur, S., Ries, J., Eanes, R., Nagel, P., Pie, N., Poole, S., Richter, T., Save, H. 2015. *Evaluation of the GGM05 Mean Earth Gravity models*. Geophysical Research Abstracts, Vol. 17. EGU2015-4153, 2015. Vienna, Austria.
- BIG. 2013. *Peraturan Kepala Badan Informasi Geospasial No. 15 Tahun 2013 tentang Sistem Referensi Geospasial Indonesia 2013*. <http://jdih.big.go.id/hukumdownload/3140>.
- BIG. 2021. *Product Information of INAGEOID2020 Version 2.0*.
- Brockmann JM, Schubert T, Mayer-Gürr T, Schuh WD. 2019. *The Earth's Gravity Field as Seen by the GOCE Satellite—An Improved Sixth Release Derived with the Time-Wise Approach*. GFZ Data Services.
- Chen, J., Zhang X, Chen Q, Shen Y, Nie Y. 2022. *Static Gravity Field Recovery and Accuracy Analysis Based on Reprocessed GOCE Level 1b Gravity*

- Gradient Observations*. EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-6771, 10.5194/egusphere-egu22-6771.
- Chen, Q., Shen, Y., Francis, O., Chen, W., Zhang, X., Hsu, H. 2018. *Tongji-Grace02s and Tongji-Grace02k: high-precision static GRACE-only global Earth's gravity field models derived by refined data processing strategies*. Journal of Geophysical Research: Solid Earth. doi: 10.1029/2018JB015641.
- Drinkwater, Mark, R., R. Floberghagen, R. Haagmans, D. Muzi, A. Popescu. 2007. *The GOCE Gravity Mission: ESA'S First Core Earth Explorer*. Proceeding of the 3rd International GOCE Users Workshop, ESA Special Publication. ISBN 92-9092-938-3, Hal: 1 – 8.
- Dumrongchai, P. 2012. *Assessment of Gravity Requirements for Precise Geoid Determination in Thailand*. 33rd Asian Conference on Remote Sensing 2012.
- Eshagh, M. 2009. *Complementary Studies in Satellite Gravity Gradiometry*. Postdoctoral, Disertation. Royal Institute of Technology.
- Ewing, C.E. dan Mitchell, M.M. 1970. *Introduction to Geodesy*. New York: Elsevier.
- Fahrurrazi, D. 2011. *Sistem Acuan Geodetik*. Gadjah Mada University Press. Yogyakarta.
- Floberghagen, R., Fehringer M., Lamarre D., Muzi D., Frommknecht B., Steiger C.H., Pineiro J., dan da Costa A. 2011. *Mission design, operation and exploitation of the gravity field and steady-state ocean circulation explorer mission*. Journal of Geodesy, Vol. 85, No. 11, 749-758.
- Florinsky, I. V. 1998. *Combined analysis of digital terrain models and remotely sensed data in landscape investigations*. Progress in Physical Geography: Earth and Environment, 22(1), 33–60.
- Florinsky, I. V. 2012. *Digital Terrain Analysis in Soil Science and Geology*. first edition. Elsevier. USA.
- Forsberg, R. 1984. *A Study of Terrain Reductions, Density Anomalies and Geophysical Inversion Methods in Gravity Field Modeling*. Report No. 355. Dept. of Geodetic Science and Surveying, The Ohio State University, Columbus, Ohio.
- Forsberg, R., dan Olesen, A.V. 2010. *Airborne Gravity Field Determination*. in: Xu, G. (ed.), Sciences of Geodesy - I. 83-103. https://doi.org/10.1007/978-3-642-11741-1_3.

- Förste C, Abrykosov O, Bruinsma S, Dahle C, König R, Lemoine JM. 2019. *ESA's Release 6 GOCE Gravity Field Model by Means of the Direct Approach Based on Improved Filtering of the Reprocessed Gradients of The Entire Mission (GO_CONS_GCF_2_DIR_R6)*. GFZ Data Services.
- Gatti, A., M. Reguzzoni, F. Migliaccio, F. Sansò. 2016. *Computation and assessment of the fifth release of the GOCE-only space-wise solution*. Presented at the 1st Joint Commission 2 and IGFS Meeting, 19-23 September 2016, Thessaloníki, Greece.
- Ghilani, C. D. 2010. *Adjustment Computations: Spatial Data Analysis: Fifth Edition (Fifth)*.
- Gruber, T. 2008. *The GOCE Gravity Field Space Mission as an Important Step for the Exploration of our Planet*.
- Heiskanen, W. A., dan Meinesz, V. 1958. *The Earth and Its Gravity Field*. McGraw-Hill Series in the Geological Sciences Company, INC. New York, Toronto, London.
- Heiskanen, W. A., dan Moritz, H. 1967. *Physical Geodesy*. W. H. Freeman and Company, San Fransisco and London.
- Heliani, Leni S. 2016. *Evaluation of Global Geopotential Model and Its Application on Local Geoid Modelling of Java Island, Indonesia*. AIP Conference Proceedings: Advances of Science and Technology for Society, 1755. <https://doi.org/10.1063/1.4958534>.
- Hidayat, Ramdhan. 2014. *Pengaruh Variasi Degree GMM Terhadap Ketelitian Geoid Lokal (Studi Kasus: DIY)*. Skripsi. UGM.
- Hofmann-Wellenhof, B. dan Moritz, H. 2005. *Physical Geodesy*. 1–405.
- Hofmann-Wallenhof, B. dan Moritz, H. 2006. *Physical Geodesy*. Springer Verlag Wien, Austria.
- Hong, Chang-ki, Jay Hyoun Kwon, Bo Mi Lee, Jisun Lee, Yun Soo Choi, dan Suk-bae Lee. 2009. *Effects of Gravity Data Quality and Spacing on the Accuracy of The Geoid in South Korea*. Earth Planets Space, Vol. 61 (1), hal. 927–32.
- Humas Kementerian Sekretariat Negara Republik Indonesia. 2019. *Presiden Jokowi Tegaskan Rencana Pemindahan Ibu Kota di Hadapan Anggota Dewan*. Artikel Kemensetneg. Jakarta.
- Hwang, C., Hsiao, Y.S., dan Shih, H.C. 2006. *Data Reduction in Scalar Airborne Gravimetry: Theory, Software and Case Study in Taiwan*. Computers and Geosciences, 32(10), 1573–1584.

- ICGEM. 2023. *Global Gravity Field Models*. http://icgem.gfz-potsdam.de/tom_longtime.
- Ince ES, Barthelmes F, Reißland S, Elger K, Förste C, Flechtner F, Schuh H. 2019. *ICGEM—15 Years of Successful Collection and Distribution of Global Gravitational Models*. Associated Services and Future Plans. *Earth Syst Sci Data* 11:647–674.
- 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.
- Kasenda, A. 2009. *High Precision Geoid for Modernization of Height Systems in Indonesia*. School of Surveying and Spatial Information Systems. University of New South Wales Sydney NSW, Australia.
- Klees, R. dan Prutkin, I. 2010. *The Combination of GNSS-levelling Data and Gravimetric (Quasi-) Geoid Heights in the Presence of Noise*. *Journal of Geodesy*. 84, 731-739.
- Lu B., Luo Z., Zhong B., Zhou H., Flechtner F., Foerste C., Barthelmes F., Zhou R., 2017. *The gravity field model IGGT_R1 based on the second invariant of the GOCE gravitational gradient tensor*. *Journal of Geodesy*.
- Mårtensson, S. G. 2002. *Height Determination by GNSS: Accuracy with Respect to Different Geoid Models in Sweden*. In XXII FIG International Congress, Washington, DC, USA, April 19-26 2002, 106-113.
- Martin, A., Anquela, A.B., Padín, J. dan Berné, J.L. 2010. *Ability of the EGM2008 High Degree Geopotential Model to Calculate a Local Geoid Model in Valencia, Eastern Spain*. *Studia Geophysica et Geodaetica*, Vol. 54(3), hal.347-366.
- NASA. 2012. *GRACE Spacecraft Specification*.
- National Imagery and Mapping Agency. 2002. *The American Practical Navigator: An epitome of Navigation*. Bicentennial Edition. Bethesda, Maryland, USA. NSN 7642014014652.
- Odera, P.A., Fukuda, Y. 2017. *Evaluation of GOCE-based Global Gravity Field Models Over Japan After the Full Mission Using Free-Air Gravity Anomalies and Geoid Undulations*. *Earth Planets Space* 69, 135. <https://doi.org/10.1186/s40623-017-0716-1>.
- Odera P.A., Musyoka S.M. dan Gachari M.K. 2014. *Practical application of the geometric geoid for heighting over Nairobi County and its environs*. *Journal of Agriculture, Science and Technology*, 16(2), pp. 175–185.

- Pahlevi, A., Pangastuti, D., Sofia, N., dan Kasenda, A. 2015. *Determination of Gravimetric Geoid Model in Sulawesi – Indonesia*. FIG Working Week 2015: from the Wisdom of the Ages to the Challenges of the Modern World Sofia, 17–21.
- Pahlevi, A & Sofian, Ibnu & Pangastuti, Dyah & Wijanarto, Antonius. 2018. *Updating Model Geoid Indonesia*. Seminar Nasional Geomatika 2018: Penggunaan dan Pengembangan Produk Informasi Geospasial Mendukung Daya Saing Nasional Penyelenggaraan, 1–11.
- 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. Vol. 117, hal. 1-38.
- Peraturan Menteri Dalam Negeri Nomor 137 Tahun 2017 tentang Kode Dan Data Wilayah Administrasi Pemerintahan.
- Purworahardjo, Umarjono. 1994. *Sistem dan Transformasi Koordinat*. Edisi 1. Bandung: ITB.
- Ramdani, D., 2002. *Pemodelan Geoid Indonesia dengan Menggunakan Metode FFT*.
- Reigber C., Lüher H., dan Schwintzer P. 2002. *CHAMP mission status*. Advances in Space Research, Vol. 30, No. 2, 129-134. [https://doi.org/10.1016/S0273-1177\(02\)00276-4](https://doi.org/10.1016/S0273-1177(02)00276-4).
- Sadalmelik. 2007. *Topographic map of Borneo*. Wikimedia.
- Schwarz, K.P., Sideris, M.G. dan Forsberg, R. 1990. *The use of FFT Techniques in Physical Geodesy*. Geophys. Journal International. 100, 485-514.
- Seeber, G. 2003. *Satellite Geodesy*. Berlin: Walter de Gruyter.
- Sevilla, M. J. 1995. *A New Gravimetric Geoid in the Iberian Peninsula*. Instituto de Astronomia Geodesia, Facultad de Ciencias Matematicas, Universidad Complutense Madrid, Spanyol.
- Sideris, M. G. 2008. *Geoid Determination by FFT Techniques*. Department of Geomatics Engineering, University of Calgary, Kanada.
- Sutisna, Sobar, Arief, Khoiril, Suharyono, Sri, Ermawan, Tjahya, Husni, M., Gunawan, Hendar, Patmasari, Tri, Nasution, Jufri, Augustine, E. P., Siagian, Harry P., Wihardi, Didik. 1992. *Buku Petunjuk Untuk Operator - Gravimeter Lacoste and Romberg*. Komite Gayaberat Nasional.
- Sumaryo, Parseno dan Heliani, L.S. 2005. *Diktat Geodesi Fisis*. Yogyakarta: Jurusan Teknik Geodesi Fakultas Teknik, Universitas Gadjah Mada.

- Surat Keputusan Kepala Badan Informasi Geospasial Nomor 81 Tahun 2020 tentang INAGEOID2020.
- Syarafianty, A. N. 2016. *Pengaruh Luasan dan Interval Data Gayaberat terhadap Ketelitian Model Geoid Regional (Studi Kasus Provinsi D.I. Yogyakarta*. Skripsi. Program Studi S-1 Teknik Geodesi Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.
- Tapley B.D., Bettadpur S., Watkins M., dan Reigber C. 2004. *The gravity recovery and climate experiment: mission overview and early results*. Geophysical Research Letters, Vol. 31, L09607. <https://doi.org/10.1029/2004GL019920>.
- Torge, W. 1989. *Gravimetry*. Walter de Gruyter, Berlin.
- Torge, W., dan Müller, J. 2012. *Geodesy*. Berlin/Boston: Walter de Gruyter GmbH & Co. KG.
- Tozer, B., D. T. Sandwell, W. H. F. Smith, C. Olson, J. R. Beale, and P. Wessel. 2019. *Global bathymetry and topography at 15 arc seconds: SRTM15+*. Accepted Earth and Space Science.
- Udama, Z. A., Anjasmara, I. M., Pahlevi, A. M., & Osman, A. S. M. 2021. *Geoid Modelling of Kalimantan Island using Airborne Gravity Data and Global Geoid Model (EGM2008)*. IOP Conference Series: Earth and Environmental Science, 936(1), [012029]. <https://doi.org/10.1088/1755-1315/936/1/012029>.
- Undang-Undang Nomor 4 Tahun 2011 tentang Informasi Geospasial.
- Vanicek, P. 1976. *Physical Geodesy*. Lecture Notes. No. 43, hal. 1-187.
- Vanicek, P., dan Christou, N.T. 1993. *Geoid and Its Geophysical Interpretations*. Cetakan 1. CRC Press and Publisher, Florida.
- Vanicek, P., dan Christou, N, T. 1994. *Geoid and Its Geopysical Interpretations*. CRC Press, USA.
- Vanicek, P., dan Krakiwsky, E.J. 1982. *Geodesy: The Concepts*. New York: North Holland Publishing Company.
- Vermeer, M. 2016. *Physical Geodesy*. in Physical Geodesy.
- Walpole, S., dan Mayers. 1995. *Computation of Geoid Model*.
- Widjajanti, N., Sutanta, H., Lestari, D., Yulaikhah, 2017. *Diktat Kuliah Statistik Dan Teori Kesalahan*. Universitas Gadjah Mada. Yogyakarta.
- Xu X., Zhao Y., Reubelt T., Robert T. 2017. *A GOCE only gravity model GOSG01S and the validation of GOCE related satellite gravity models*. Geodesy and Geodynamics, 8(4): 260-272.

- Yang, H. J. 2013. *Geoid Determination Based on a Combination of Terrestrial and Airborne Gravity Data in South Korea*. (507), 29–51.
- Yildiz, H., Forsberg, R., Ågren, J., Tscherning, C. dan 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*, vol. 2, no. 1 pp. 53-64. <https://doi.org/10.2478/v10156-011-0024-9>.