

DAFTAR PUSTAKA

- Abidin, H. (2000). *Penentuan Posisi dengan GPS dan Aplikasinya*. Jakarta: PT Pradnya Paramita.
- Abidin, H. Z. (2000). *Beberapa Pemikiran tentang Sistem dan Kerangka Referensi Koordinat untuk DKI Jakarta*. (3), 33–42.
- Abidin. (2007). *Penentuan Posisi dengan GPS dan Aplikasinya*. Penerbit PT Pradnya Paramita. Jakarta.
- Abidin, H Z, Kusuma, M. A., Andreas, H., Gamal, M., & Sumintadireja, P. (2008). *GPS-Based Monitoring of Surface Displacements in the Mud Volcano Area , Sidoarjo , East Java. Observing our Changing Earth: Proceedings of the 2007 IAG General Assembly* (hal. 595–603). Perugia: Springer. https://doi.org/10.1007/978-3-540-85426-5_69.
- Agus, F., & IG. Made Subiksa. (2008). *Lahan Gambut: Potensi untuk Pertanian dan Aspek Lingkungan*. Balai Penelitian Tanah, Badan Penelitian dan Pengembangan Pertanian. <http://www.icraf.cgiar.org/sea>.
- Alcamo, J., Döll, P., Henrichs, T., Kaspar, F., Lehner, B., Rösch, T. & Siebert, S. (2003) *Development and testing of the WaterGAP 2 model of global water use and availability*. Hydrol. Sci. J. 48(3), 317–337.
- Borzenkova, I. I. (2009). *Hidrological Cycle Volume 2*. Eolss Publisher.
- Chrzanowski, A., & Chen, Y. . (1986). *An Overview of The Physical Interpretation of Deformation Measurements*. Deformation Measurements Workshop, MIT.
- El Rabbany, A. (2002). *Introduction to GPS: The Global Positioning System*. Artech House 685 Canton Street Norwood, MA02062.
- Famiglietti, J. S., Lo, M., Ho, S. L., Bethune, J., Anderson, K. J., Syed, T. H., Swenson, S. C., De Linage, C. R., & Rodell, M. (2011). *Satellites Measure Recent Rates of Groundwater Depletion in California's Central Valley*. Geophysical Research Letters, 38(3), 2–5. <https://doi.org/10.1029/2010GL046442>.
- Febrianti, N., Murtilaksono, K., & Barus, B. (2018). *Pengaruh Tinggi Muka Air*



Gambut Sebagai Indikator Peringatan Dini Bahaya Kebakaran Di Sungai Jangkang - (the Effect of Peat Ground Water Table As an Indicator of Fire Hazard Early Warning At Jangkang ' S River - Liong ' S River). Jurnal Penginderaan Jauh Dan Pengolahan Data Citra Digital, 16(1), 9–19.

Ghilani, C. D. (2010). *Adjusment Computation : Spasial Data Analysis (5th ed.)*. Hoboken, New Jersey: Wiley.

Girotto, M., Reichle, R. H., Rodell, M., Liu, Q., Mahanama, S., & De Lannoy, G. J. M. (2019). *Multi-Sensor Assimilation of SMOS Brightness Temperature and GRACE Terrestrial Water Storage Observations for Soil Moisture and Shallow Groundwater Estimation*. Remote Sensing of Environment, 227(April), 12–27. <https://doi.org/10.1016/j.rse.2019.04.001>.

Argus, D. F., Y. Fu, and F. W. Landerer. (2014). *Seasonal Variation in Total Water Storage in California Inferred from GPS Observations of Vertical Land Motion*, Geophys. Res. Lett., 41, 1971–1980, doi:10.1002/2014GL059570.

Heliani, L. S., Pratama, C., Danardono, Widjajanti, N., & Hanudin, E. (2020). *Spatiotemporal Variation of Vertical Displacement Driven by Seasonal Hydrological Water Storage Changes in Kalimantan, Indonesia From GPS Observation*. Geodesy and Geodynamics, 11(5), 350–357. <https://doi.org/10.1016/j.geog.2020.06.003>.

Herring, T. A., King, R. W., Floyd, M. A., Mcclusky, S. C., & Sciences, P. (2015). *GAMIT Reference manual 10.6. Control, June*, 1–168.

Herring, T. A., King, R. W., & Mcclusky, S. C. (2018). *Introduction to GAMIT / GLOBK Release 10.7*. Massachusetts Institute of Technology. Diambil dari http://geoweb.mit.edu/gg/Intro_GG.pdf.

Kaplan, E., & Hegarty, C. J. (2006). *Understanding GPS - Principles and Applications*. Artech House, Inc, Norwood, pp 1-19 & 67-110 & 379-454.

King, R. W., & Bock, Y. (2000). *Documentation for The GAMIT GPS Analysis Software (Realese 10)*.

King RW. (2002). *Documentation for The GAMIT GPS Analysis Software*. MIT Internal Report, 206 pp.

King RW, Herring TA. (2002). *Global Kalman Filter VLBI and GPS Analysis Program*. MIT Internal Report, 98 pp

Knappe, E., Bendick, R., Martens, H. R., Argus, D. F., & Gardner, W. P. (2019). *Downscaling Vertical GPS Observations to Derive Watershed-Scale Hydrologic Loading in the Northern Rockies*. Water Resources Research, 55(1), 391–401. <https://doi.org/10.1029/2018WR023289>.

Kuang, S. (1991). *Optimization and Design of Deformation Monitoring Schemes*. Geodesy and Geomatics Engineering UNB, Canada. <https://doi.org/10.1080/00050326.1993.10438847>.

Lestari, D., & Dewanto, B. G. (2020). *Analisis Pergeseran Titik Jaring Pemantau Candi Borobudur Mengacu ke ITRF 2008 Berdasarkan Data Pengamatan GPS pada Tahun 2003 dan 2012*. *JGISE: Journal of Geospatial Information Science and Engineering*, 3(2), 133. <https://doi.org/10.22146/jgise.60451>.

Pusat Jaring Kontrol Geodesi Geodinamika. (2018). InaCORS BIG.

Pusat Teknologi Pengembangan Sumber Daya Wilayah (PTPSW). (2019). *Sistem Pemantauan Air Lahan Gambut*. Diambil 29 Juli 2019 dari <https://ptpsw.bpp.go.id/index.php/produk/93-sipalaga>.

Qin, S., Wang, W., & Song, S. (2018). *Comparative Study on Vertical Deformation Based on GPS and Leveling Data*. *Geodesy and Geodynamics*, 9(2), 115–120. <https://doi.org/10.1016/j.geog.2017.07.005>.

Ramdhani, M., & Siregar, Z. A. (2018). *Pengelolaan Wilayah Gambut Melalui Pemberdayaan Masyarakat Desa Pesisir Di Kawasan Hidrologis Gambut Sungai Katingan Dan Sungai Mentaya Provinsi Kalimantan Tengah*. *Jurnal Segara*, 14(3), 145–157. <https://doi.org/10.15578/segera.v14i3.6416>.

Rodell, M., Houser, P. R., Jambor, U., Gottschalck, J., Mitchell, K., Meng, C. J., Arsenault, K., Cosgrove, B., Radakovich, J., Bosilovich, M., Entin, J. K., Walker,



- J. P., Lohmann, D., & Toll, D. (2004). *The Global Land Data Assimilation System*. Bulletin of the American Meteorological Society, 85(3), 381–394. <https://doi.org/10.1175/BAMS-85-3-381>.
- Rummel, R., & Peters, T. (2001). *Reference Systems in Satellite Geodesy*. Institut für Astronomische und Physikalische Geodäsie München.
- Sadd, M. H. (2014). *Deformation: Displacements and Strains. Elasticity : Theory, Applications, and Numerics* (hal. 31–53). <https://doi.org/10.1016/B978-0-12-408136-9.00002-7>.
- Fauzi, R. (2019). *Deteksi Perubahan Simpanan Air Wilayah Lahan Gambut Menggunakan Data Satelit Gayaberat (Studi Kasus: Pulau Kalimantan)*. Yogyakarta: Departemen Teknik Geodesi UGM.
- Tregoning, P., Watson, C., Ramillien, G., McQueen, H., & Zhang, J. (2009). Detecting hydrologic deformation using GRACE and GPS. *Geophysical Research Letters*, 36(15). <https://doi.org/10.1029/2009GL038718>
- Tresna, Suci (2020). Analisis Deformasi di Wilayah Jawa Bagian Tengah Berdasarkan Data Pengamatan GNSS Kontinu untuk Identifikasi Sesar Aktif. Yogyakarta: Departemen Teknik Geodesi UGM.
- Suwarno, Y., Purwono, N., Suriadi, A. B., & Nahib, M. A. I. (2016). *Kajian Kesatuan Hidrologis Gambut (Study of Peat Hydrological Unity at Central Kalimantan Area)*. Seminar Nasional Badan Informasi Geospasial, 233–242.
- Taftazani, M. I., Waljiyanto, Nugroho, P., Yulaikhah, Adhi, A. D., Widjajanti, N., & Cahyono, B. K. (2016). *Uji Kualitas Data Pengukuran Titik Kontrol Pemantauan Waduk Sermo Tahun 2016*. Prosiding Seminar Nasional 3rd CGISE Dan FIT ISI, 749–754.
- Turen, Y., & Sanli, D. U. (2019). *Accuracy of Deformation Rates from Campaign GPS Surveys Considering Extended Observation Session and Antenna Set-Up Errors*. *Remote Sensing*, 11(10). <https://doi.org/10.3390/rs11101225>.
- Wahyunto, S. R., & Subagjo, H. (2004). *Peta Sebaran Lahan Gambut, Luas dan*



Kandungan Karbon di Kalimantan 2000-2002 (Map of Peatland Distribution Area and Carbon Content in Kalimantan 2000-2002). Wetlands International - Indonesia Programme & Wildlife Habitat Canada (WHC), Laporan ini dWetlands International – Indonesia Programme Jalan A.Yani No.53 Bogor P.O.Box 254/Boo 16002 Jawa Barat, 1–52. <http://wetlands.or.id/PDF/buku/Atlas Sebaran Gambut Kalimantan.pdf>.

Wellenhof, H., Lichtenegger., Wasle. (2007). *GNSS: Global Navigation Satellite System.* SpringerWienNrwYork.

Widjajanti, N., Sutanta, H., Lestari, D., & Yulaikah. (2017). *Diktat Kuliah Statistik dan Teori Kesalahan.*

Widjajanti, N. (2001). *Diktat Deformasi Dasar.* Yogyakarta: Jurusan Teknik Geodesi Fakultas Teknik UGM.

Widjajanti, Nurrochmat. (2000). *Analisis Geometrik Deformasi pada Kerangka Dasar Relatif.* Media Teknik No.1 Tahun XXII, Februari 2.

Qin, S., Wang, W., & Song, S. (2018). Comparative Study on Vertical Deformation Based on GPS and Leveling Data. *Geodesy and Geodynamics*, 9(2), 115–120. <https://doi.org/10.1016/j.geog.2017.07.005>.

Yang, B. (2005). *Chapter 5 - Stress Analysis in Two-Dimensional Problems. Stress, Strain, and Structural Dynamics* (hal. 135–156). Academic Press. <https://doi.org/10.1016/B978-012787767-9/50006-4>.

Fu, Y., D. F. Argus, and F. W. Landerer (2015), *GPS as an Independent Measurement to Estimate Terrestrial Water Storage variations in Washington and Oregon*, *J. Geophys. Res. Solid Earth*, 120, 552–566, doi:10.1002/2014JB011415.