

DAFTAR PUSTAKA

- Abidin, H. Z. 2000. *Penentuan Posisi dengan GPS dan Aplikasinya*. Jakarta: PT Pradnya Paramita.
- Bidang Geodinamika. 2018. *InaCORS BIG Satu Referensi Pemetaan Indonesia*. Cibinong: Pusat Jaring Kontrol Geodesi dan Geodinamika BIG.
- BMKG. 2012. *Gempa Bumi Indonesia Edisi Populer*. Jakarta. ISBN 978-979-1241-24-3.
- Bock, Y., Prawirodirdjo, L., Genrich, J. F., Stevens, C. W., McCaffrey, R., Subarya, C., Puntodewo, S. S. O., & Calais, E. 2003. *Crustal motion in Indonesia from Global Positioning System measurements*. *Journal of Geophysical Research: Solid Earth*, 108(B8), 2367.
- Di Leo, J. F., Wookey, J., Hammond, J.O.S., Kendall, J.M., Kaneshima, S., Inoue, H., Yamashina, T., & Harjadi, P. 2012. *Deformation and Mantle Flow Beneath the Sangihe Subduction Zone from Seismic Anisotropy*. *Physics of the Earth and Planetary Interiors*, 194–195, 38–54.
- Ehigiator-Irughe, R., Ehiorobo, J. O., & Ehigiator, M. O. 2014. *Prediction of Dam Deformation Using Kalman Filter Technique*. FIG Congress 2014 Engaging the Challenges–Enhancing the Relevance, 16-21.
- El-Rabbany, A. 2002. *Introduction to GPS: The Global Positioning System*. Artech House 685 Canton Street Norwood, MA02062. ISBN 1-58053-183-0.
- Heliani, L. S., Pratama, C., Parseno, Widjajanti, N., Lestari, D., & Ulinuha, H. 2019. *GPS-Derived Secular Velocity Field around Sangihe Island and its Implication to the Molucca Sea Seismicity*. *Jurnal Ilmiah Geomatika (Submitted)*.
- Herring, T. A., King, R. W., Floyd, M. A., & McClusky, S. C. 2018. *Introduction to GAMIT / GLOBK Release 10.7*. Department of Earth, Atmospheric, and Planetary Science, Massachusetts Institutes of Technology.
- Herring, T. A., King, R. W., Floyd, M. A., & McClusky, S. C. 2018. *GAMIT Reference Manual Release 10.7*. Department of Earth, Atmospheric, and Planetary Science, Massachusetts Institute of Technology.
- Herring, T. A., King, R. W., Floyd, M. A., & McClusky, S. C. 2006. *Introduction to*

- GAMIT/GLOBK*. Department of Earth, Atmospheric, and Planetary Science, Massachusetts Institutes of Technology.
- Hoffman, B. W., Lichtenegger, H., & Wasle, E. 2008. *GNSS – Global Navigation Satellite Systems*. Austria: Springer Wien New York.
- Jaffe, L. A., Hilton, D. R., Fischer, T. P., & Hartono, U. 2004. *Tracing Magma Sources in an Arc-arc Collision Zone: Helium and Carbon Isotope and Relative Abundance Systematics of the Sangihe Arc, Indonesia*. *Geochemistry, Geophysics, Geosystems*.
- Kaplan, E. D. dan Hegarty, C. J. 2017. *Understanding GPS/GNSS Principles and Applications, Third Edition*. Artech House Boston. London.
- King, R. W. dan Bock, Y. K. 2002. *Documentation for the GAMIT GPS Analysis Software*. Department of Earth, Atmospheric, and Planetary Sciences, Massachusetts Institute of Technology and Scripps Institute of Oceanography, University of California at San Diego, USA.
- Kumar, K. V., Miyashita, K., & Li, J. 2002. *Secular Crustal Deformation in Central Japan, based on The Wavelet Analysis of Time-series Data*. *Earth Planets Space*, 54, 133-139.
- Ladivanov, F. 2018. *Analisis Deformasi Kepulauan Sangihe Berdasarkan Data Pengukuran GNSS Epoch 2014, 2015, 2016, dan 2017*. Skripsi. Jurusan Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Leick, A., Rapoport, L., & Tatarnikov, D. 2015. *GPS Satellite Surveying 4th edition*. John Wiley & Sons, Inc., New York, USA.
- Lestari, D. 2006. *GPS Study Resolving the Stability of Borobudur Temple Site*. Thesis, School of Surveying and Spatial Information System. University of New South Wales.
- Macpherson, C. G., Forde, E. J., Hall, R., & Thirlwall, M. F. 2003. *Intra-Oceanic Subduction Systems: Tectonic and Magmatic Processes*. ISBN 1-86239-147-5 p208.
- Maiyudi, R., Meilano, I., & Sarsito, D. 2017. *Akumulasi Regangan di Sumatera Berdasarkan Data Pengamatan GPS Tahun 2002-2008 dan Dampak Kerusakan Lingkungan Akibat Pelepasan Regangan*. *Jurnal Rekayasa Hijau*, 1(2), 89-99. ISSN 2550-1070.

- Nugroho, K. F. 2019. *Analisis Deformasi Kepulauan Sangihe Berdasarkan Data Pengukuran GNSS Epoch 2015, 2016, 2017, dan 2018*. Skripsi. Jurusan Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Nursetiyadi, R. 2015. *Pengaruh Geometri Jaringan IGS Terhadap Ketelitian Koordinat Titik Pantau Geodinamika Kepulauan Sangihe Epoch 2014*. Skripsi. Jurusan Teknik Geodesi, Universitas Gadjah Mada, Yogyakarta.
- NOAA. 2018. *Guidelines for New and Existing Continuously Operating Reference Stations (CORS) National Geodetic Survey National Ocean Survey*. NOAA, Silver Spring, MD 20910, USA.
- Okada, Y. 1995. *Simulated Empirical Law of Coseismic Crustal Deformation*. Journal of Physics of the Earth, 43(6), 697-713.
- Pasau, G. dan Tanauma, A. 2011. *Pemodelan Sumber Gempa di Wilayah Sulawesi Utara sebagai Upaya Mitigasi Bencana Gempa Bumi*. Jurnal Ilmiah Sains, 11(2), 202-209.
- Setiadi, T. A. P., Rohadi, S., Merdijanto, U., & Heryandoko, N. 2016. *Relokasi Hiposenter Gempabumi menggunakan Metode Teleseismic Double Difference untuk Analisis Pola Tektonik di Wilayah Laut Maluku*. Jurnal Meteorologi dan Geofisika, 17(2), 101-107.
- Stanaway, R., Roberts, C., Blick, G., & Crook, C. 2012. *Four Dimensional Deformation Modelling, the Link between International, Regional and Local Reference Frames*. FIG Working Week 2012. Conference Paper.
- United States Geological Survey (USGS). (17 Desember 2019). Earthquake Catalog. Tersedia di : <https://usgs.gov/natural-hazards/earthquake-hazards/earthquakes>
- Widjajanti, N. 1997. *Analisis Deformasi – Status Geometrik Dua Dimensi dengan Pendekatan Generalisasi Matriks Kebalikan*. Thesis Magister. Program Studi Geodesi, Program Pascasarjana Institut Teknologi Bandung, Bandung.
- Widjajanti, N. 2010. *Deformation Analysis of Offshore Platform using GPS Technique and its Application in Structural Integrity Assessment*. Ph.D Disertasi. Universiti Teknologi PETRONAS, Malaysia.