

DAFTAR PUSTAKA

- Abidin, H. Z. 2004. Modul 8: Perencanaan dan Persiapan Survei GPS. Jurusan Teknik Geodesi. Institut Teknologi Bandung.
- Abidin, H. Z., Jones, A., & Kahar, J. 2016. Survei dengan GPS. *ITB Press: Bandung*. 1–261.
- Abidin, H.Z., Andreas, H., Meilano, I., Gamal, M., Gumilar, I., & Abdullah, CI. 2009. Deformasi Koseismik dan Pascaseismik Gempa Yogyakarta 2006 dari Hasil Survei GPS. *Jurnal Geologi Indonesia*, Vol. 4 No. 4 Desember 2009. 275–284.
- Aulia, A. W. 2014. Optimasi Desain Jaring GPS Wilayah Kampus UGM. Teknik Geodesi. Universitas Gadjah Mada.
- Altamimi, Z., Collilieux, X., Legrand, J., Garayt, B., & Boucher, C. 2007. ITRF2005: a New Release of the International Terrestrial Reference Frame based on Time Series of Station Positions and Earth Orientation Parameters. *Journal of Geophysical Research: Solid Earth*, 112(9), 1–19. <https://doi.org/10.1029/2007JB004949>.
- Altamimi, Z., Rebischung, P., Collilieux, X., Metivier, L., & Chanard, K. 2022. ITRF2020: Main Results and Key Performance Indicators. *EGU General Assembly 2022*, 5194. <https://doi.org/10.18715/IPGP.2023.LDVIOBNL>.
- Andreas, H., Sarsito, D., Irwan, M., Abidin, H., Darmawan, D., & Gamal, M. 2004. Implikasi Co-seismic dan Post-seismic Horizontal Displacement Gempa Aceh 2004 terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya. *Kelompok Keahlian Geodesi*. Institut Teknologi Bandung.
- Artini, S. R. 2014. Penentuan Koordinat Titik GNSS CORS GMU1 dengan Kombinasi Titik Kontrol GPS Global dan Regional. *PILAR Jurnal Teknik Sipil*, 10(1), 37–44. <https://jurnal.polsri.ac.id/index.php/pilar/article/view/423/339>.
- Aulia, A. W. 2014. Optimasi Desain Jaring GPS Wilayah Kampus UGM. Teknik Geodesi. Universitas Gadjah Mada.
- BIG. 2022. Info Ina-CORS.
- Blewitt, G. 1997. Basics of the GPS Technique: Observation Equations. *Geodetic Applications of GPS*, 1–46.
- Correa-Muños, N. A. & Cerón-Calderón, L. A. 2018. Precision and Accuracy of the Static GNSS Method for Surveying Networks Used in Civil Engineering. *Ingenieria e Investigacion*, 38(1), 52–59. <https://doi.org/10.15446/ing.investig.v38n1.64543>.

- Diamandis, P. H. & Krauskopf, B. 2019. Localizing Homoclinic Orbits in a System of Three Delay-Coupled Lasers.
- Dumka, R. K., Chopra, S., & Prajapati, S. 2019. GPS derived Crustal Deformation Analysis of Kachchh, Zone of 2001 (M7.7) Earthquake, Western India. *Quaternary International, Elsevier*, 507 (December 2018), 295–301, doi: 10.1016/j.quaint.2019.01.032.
- EL-Hattab, A. I. 2013. Influence of GPS Antenna Phase Center Variation on Precise Positioning. *NRIAG Journal of Astronomy and Geophysics*, 2(2), 272–277. <https://doi.org/10.1016/j.nrjag.2013.11.002>.
- Emalia, S. S. 2017. Optimasi Jaring GNSS pada Titik Pemantauan Patahan Opak Yogyakarta. *Skripsi*. Program Studi Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada. Yogyakarta.
- Erol, S., Alkan, A. M., Ozulu, M., & Ilci, V. 2020. Impact of Different Sampling Rates on Precise Point Positioning Performance using Online Processing Service. *Geo-Spatial Information Science*, 1–11. <https://doi.org/10.1080/10095020.2020.1842811> Erol, S., Alkan, R. M., Ozulu, M., & İlçi, V. (2020).
- Estey, L. & Wier, S. 2014. TEQC Tutorial: Basics of TEQC Use and TEQC Products. *UNAVCO Inc.* www.unavco.org.
- Fadhilah, F. Z. 2019. Pergeseran Titik Pemantauan Sesar Opak dengan Pengolahan Data GNSS Multitahun (2013 s.d. 2018) Mengacu pada ITRF2008 dan ITRF2014. *Skripsi*. Program Studi Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada. Yogyakarta.
- Gleason, S. & Gebre-Egzibhar, D., 2009. GNSS Application and Methods. *Artech House*. Inc, Biston.
- Hafiz, E., Awaluddin, M., & Yuwono, B. 2014. Analisis Pengaruh Panjang Baseline terhadap Ketelitian Pengukuran Situasi dengan Menggunakan GNSS Metode RTK-NTRIP (Studi Kasus: Semarang, Kab. Kendal dan Boyolali). *Jurnal Geodesi UNDIP*, 3, 315–331.
- Hamidi, M. & Javadi, P. 2017. The Analysis of Scientific and Commercial Softwares Accuracy in GPS Observation Processing. *Open Journal of Geology*, 07(03), 267–278. <https://doi.org/10.4236/ojg.2017.73019>.

- Han, J.-Y., Wu, Y., & Liu, R.-Y. 2012. *Determining the Optimal Site Location of GNSS Base Stations. Boletim de Ciências Geodésicas*, 18(1), 154–169.
<https://doi.org/10.1590/s1982-21702012000100009>.
- Hapsari, W., Yuwono, B. D., & Amarrohman, F. J. 2016. Penentuan Posisi Titik GNSS CORS UDIP Epoch 2015 dan Epoch 2016 Berdasarkan Titik IGS dan SRGI Menggunakan Perangkat Lunak GAMIT 10.6. *Jurnal Geodesi UNDIP*, 5, 132–139.
- Hartadi, J., Teguh Paripurno, E., Raharjo, S., Dewi Alfiani, O., & Apriyanti, D. 2017. Pemantauan Gerakan Tanah Menggunakan GPS Geodetik (N. Hartadi, Akhila Luckyta). Universitas Pembangunan Nasional “Veteran” Yogyakarta.
- Herring, T. A., King, R.W., & McClusky, S. C. 2006. Introduction to GAMIT/GLOBK. *Department of Earth, Atmospheric, and Planetary. Science*, Massachusetts Institute of Technology.
- Hofmann, B. W., Lichtenegger, H., & Wasle, E. 2008. GNSS-Global Navigation Satellite Systems, Austria: Springer Wien New York.
- Ihda, E., Sudarsono, B., & Awaluddin, M. 2015. Analisis Ketertiban Tata Letak Bangunan terhadap Sempadan Sungai di Sungai Banjir Kanal Timur Kota Semarang (Studi Kasus : Sepanjang Banjir Kanal Timur dari Muara Sampai Jembatan Brigjend Sudiarto (STA 0-STA 7). *Jurnal Geodesi UNDIP*, 4, 86–94.
- Indriyati & Nugroho, R. 2014. Penggunaan Continuously Operating Reference System di Bidang Pertanahan. *Pertanahan*, 4(2), 35–52.
- Jeffrey, C. 2010. An Introduction to GNSS. *NovAtel*.
http://www.novatel.com/assets/Documents/Books/An_Introduction_to_GNSS.pdf.
- Khomsin, Anjasmara, I., Pratomo, D., & Ristanto, W. 2019. Accuracy Analysis of GNSS (GPS, GLONASS and BEIDOU) Obsevation for Positioning. *International Symposium on Global Navigation Satellite System 2018*, 94, 1–7.
<https://doi.org/10.1051/e3sconf/20199401019>.
- Leick, A., 2015, GPS Satellite Surveying, 4th Edition, John Wiley & Sons, Inc., New York, USA.
- 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>.
- Mageed, K. M. A. 2015. Comparison of GPS Commercial Software Packages to Processing Static Baselines up to 30 km. *ARPJ Journal of Engineering and Applied Sciences*, 10(22), 10640–10650.
- Mauradhia, A., Anjasmara, I. M., & Susilo. 2019. Analisa Deformasi Berdasarkan Pergeseran Titik Pengamatan di Surabaya. *Jurnal Teknik ITS*, 44592-105990-1-Pb. 8(2), 213–218.
- Muliawan, A. D. 2012. Penentuan Koordinat Station GMU1 Bulan Mei Tahun 2011. *Skripsi*, Jurusan Teknik Geodesi Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Noor, D. 2006. Geologi Lingkungan Edisi Pertama. *Graha Ilmu*, Yogyakarta.
- Ocalan, T., Erdogan, B., Tunalioglu, N., & Durdag, U. M. 2016. Accuracy Investigation of PPP Method Versus Relative Positioning using Different Satellite Ephemerides Products Near/Under Forest Environment. *Earth Science*, 20(4), 1–9. <https://doi.org/10.15446/esrj.v20n4.59496>.
- Rahadi, M. E., Awaluddin, M., & Sabri, L. M. 2013. Analisis Ketelitian Pengukuran Baseline Panjang GNSS dengan Menggunakan Perangkat Lunak GAMIT 10.4 dan Topcon Tools V.7. *Jurnal Geodesi UNDIP, Oktober*, 2(4), 194–209.
- Ramadhon, S. 2015. Analisis Ketelitian Data Pengukuran Menggunakan GPS dengan Metode Diferensial Statik dalam Moda Jaring dan Radial. *Swara Patra*, 05(2), 31–43.
- Ramadhon, S., Miko, W. W., & Nugraha, G. 2020. Perbandingan Ketelitian Posisi Tiga Dimensi dari Perangkat Lunak Pengolahan Data GNSS Komersial. *JGISE: Journal of Geospatial Information Science and Engineering*, 3(2), 106. <https://doi.org/10.22146/jgise.58768>.
- Restiana, R., Fadly, R., & Rahmadi, E. 2021. Pendefinisian Koordinat ULP2 Universitas Lampung terhadap ITRF 2014 Menggunakan Titik Kontrol IGS dan CORS Badan Informasi Geospasial.
- Rubinov, E., Wonnacott, R., Fuller, S., & Collier, P. 2012. Integrity Monitoring of CORS Networks-TrigNet Case Study. *South African Journal of Geomatic*, 1(1), 1–13.
- Sadarviana, V., Bramanto, B., Sidiq, T. P., Gamal, M., Tampubolon, D. A., Hilmafizar, R., Biantoro, R. A., Alifiyanti, H., Faruq, M. T. A., & Muttaqin, M. F. 2019. Stability Analysis of GNSS Control Point Network for Material Displacement Monitoring on

- the Slopes using Stability Monument Evaluation and Adjustment Data Processing Scheme: Preliminary Result. *E3S Web of Conferences*, 94. <https://doi.org/10.1051/e3sconf/20199401023>.
- Saputra, M. R. & Awaluddin, B. D. Y. 2017. Analisis Deformasi di Wilayah Jawa Timur dengan Menggunakan CORS BIG. *Jurnal Geodesi UNDIP*, 6, 517–525.
- Saputra, R., Awaluddin, M., & Amarrohman, F. J. 2015. Perhitungan Velocity Rate CORS GNSS di Wilayah Pantai Utara Jawa Tengah. *Jurnal Geodesi UNDIP*, 4, 231–239.
- BSN. 2002. Jaring Kontrol Horizontal. *SNI 19-6724-2002*
- Stein, S. & Wysession. M. 2003. An Introduction to Seismology, Earthquake, and Earth Structure, Blackwell Publishing.
- Sudomo, A. S. & Sudarman. 2004. Parameter Transformasi dalam Sistem Koordinat. *Jurnal Geodesi*, 10(2), 45-58.
- Sunantyo, T. A. 2009. GNSS Infrastructure and Standard in Indonesia, 7th FIG Regional Conference, 19-22 Oktober 2009, Hanoi.
- Torge, W. 2001. Geodetic Surveying: the Art of Measuring and Positioning. Walter de Gruyter GmbH.
- Yuwana, Y. 2013. Hitungan Koordinat Horisontal Titik-titik Benchmark Teknik UGM Menggunakan *Minimum Constraint Adjustment*. Teknik Geodesi. Universitas Gadjah Mada. Yogyakarta.
- Yuwono, B. D., Awaluddin, M., & Hapsari, W. 2017. Analisis Kecepatan Pergerakan Station GNSS CORS UDIP. *Jurnal Ilmiah Geomatika*, 23(1), 27. <https://doi.org/10.24895/jig.2017.23-1.616>.
- Yuwono, B. D. & Apsandi, O. A. 2018. Analisis Pengukuran GNSS Metode Statik dengan Variasi Sampling Rate. *Jurnal Elipsoida*, 01(02), 7–13.
- Weaver, S. A., Ucar, Z., Bettinger, P., & Merry, K. 2015. How a GNSS Receiver is Held May Affect Statik Horizontal Position Accuracy. *PLoS ONE*, 10(4), 1–17. <https://doi.org/10.1371/journal.pone.0124696>.
- Widjajanti, N. 2010. Deformation Analysis of Offshore Platform using GPS Technique and its Application in Structural Integrity Assessment. Disertasi, Universiti Teknologi PETRONAS.

Widjajanti, W., Muryamto, R., & Heliani, S. H. 2017. Hitung Perataan. Yogyakarta: Jurusan Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada. Wijayatmo J. 2011. Kajian Kehandalan Jaring untuk Monitoring Bendungan Sermo, *Skripsi*, Jurusan Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.