

DAFTAR PUSTAKA

- Abidin, H. (2000). Penentuan Posisi dengan GPS dan Aplikasinya. *Jakarta, Pradnya Paramita*, 7(1).
- Abidin, H. (2009). Deformasi Koseismik dan Pascaseismik Gempa Yogyakarta 2006 dari Hasil Survei GPS. *Indonesian Journal on Geoscience*.
<https://doi.org/10.17014/ijog.vol4no4.20095>
- Agarwal, P., & Shrikhande, M. (2014). *Earthquake Resistant Design of Structures: Vol. Thirteenth Printing*. PHI Learning Private Limited.
- Andarisna, E. V. (2022). *Estimasi Nilai Laju Geser dan Locking Depth Berdasarkan Data Pengamatan GNSS Kontinu dan Campaign dengan Koreksi Paskaseismik untuk Segmen Utara Sesar Opak* [Universitas Gadjah Mada].
<https://etd.repository.ugm.ac.id>
- Andreas, Sarsito, D. A., Abidin, H., Darmawan, & Gamal, M. (2004). *Implikasi Co-Seismic dan Post-Seismic Horizontal Displacement Gempa Aceh 2004 Terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya*. Institut Teknologi Bandung.
- Anggara, O., Meilano, I., & Alif, S. M. (2020). *Studi Slip Gempa Selat Sunda 2 Agustus 2019 Dengan Magnitude 6.9 Berdasarkan Data GNSS*.
<https://repo.itera.ac.id/depan/submission/SB2006230087>
- Ansari, K., Çorumluoğlu, Ö., Corumluoglu, O., Verma, P., & Pavelyev, V. S. (2017). An Overview of The International GNSS Service (IGS). *Grenze International Journal of Computer Theory and Engineering*, 54–58.
<https://doi.org/10.13140/RG.2.2.18533.91367>
- Azhari, M. F., Karyanto, K., Rasimeng, S., & Mulyanto, B. S. (2020). Analisis Deformasi Permukaan Menggunakan Metode DInSAR (Differential Interferometry Synthetic Aperture Radar) Pada Studi Kasus Gempabumi Lombok Periode Agustus 2018. *JGE (Jurnal Geofisika Eksplorasi)*, 6(2). <https://doi.org/10.23960/jge.v6i2.68>
- Azis, R. A., Suhandri, H. F., & Wijaya, D. D. (2019). The Study of Position Accuracy Using Precise Point Positioning (PPP) in Perspective of Indonesian National Standard of Horizontal Reference Network. *E3S Web of Conferences*, 94.
<https://doi.org/10.1051/e3sconf/20199401004>

- BNPB. (2019). *Data Bencana Indonesia 2018* (S. P. Nugroho, H. Agustina, D. Oktiari, & Suprpto, Ed.). Badan Nasional Penanggulangan Bencana.
- BNPB. (2023). Indeks Risiko Bencana Indonesia. Dalam R. Yunus (Ed.), *ISSN* (01 ed., Vol. 01, Nomor 01). Badan Nasional Penanggulangan Bencana.
- Bramanto, B., Gumilar, I., & Kuntjoro, W. (2015). *RT-PPP: Concept and Performance in Indonesia Region RT-PPP: Concept and Performance in Indonesia Region RT-PPP: Konsep dan Performa di Wilayah Indonesia*.
<https://www.researchgate.net/publication/287844020>
- Dey, A., & Rao, V. M. (2014). Study and analysis of Differential GNSS and Precise Point Positioning. *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)*, 9(2), 53–59. www.iosrjournals.org
- Duarte, J. C., & Schellart, W. P. (2016). Introduction to Plate Boundaries and Natural Hazards. Dalam J. C. Duarte & W. P. Schellart (Ed.), *Plate Boundaries and Natural Hazards* (hlm. 1–10). <https://doi.org/https://doi.org/10.1002/9781119054146.ch1>
- El-Rabbany, A. (2002). *Introduction to GPS The Global Positioning System*. Artech House.
- Fang, R., Lv, H., Shu, Y., Zheng, J., Zhang, K., & Liu, J. (2021). Improved Performance of GNSS Precise Point Positioning for High-Rate Seismogeodesy with Recent BDS-3 and Galileo. *Advances in Space Research*, 68(8), 3255–3267.
<https://doi.org/10.1016/j.asr.2021.06.012>
- Fauziyyah, R., Gunawan, E., Widiyantoro, S., Meilano, I., & Yasin, S. (2023). Early Postseismic Deformation of The 2018 Lombok, Indonesia, Earthquake Sequence Constrained by GPS Data. *Journal of Geodynamics*, 156(8), 101971.
<https://doi.org/10.1016/j.jog.2023.101971>
- Fowler, C. M. R. (2005). *The Solid Earth: An Intrdouction to Global Geophysics* (2 ed.). Cambridge University Press.
- Galala, M. A., Kaloop, M. R., Rabah, M. M., & Zeidan, Z. M. (2018). Improving Precise Point Positioning Convergence Time Through TEQC Multipath Linear Combination. *Journal of Surveying Engineering*, 144(2).
[https://doi.org/10.1061/\(asce\)su.1943-5428.0000250](https://doi.org/10.1061/(asce)su.1943-5428.0000250)
- Geng, J., Ge, M., Yang, S., Zhang, K., Lin, J., Li, W., Mao, S., Pan, Y., Liu, Z., Zhang, Q., & Zeng, J. (2022). *Pride PPP-AR II Manual (Multi-GNSS Precise Point Positioning with Ambiguity Resolution)*.

- Ghilani, C. D. (2010). *Adjustment Computations: Spatial Data Analysis (5th Edition)* (5 ed.). John Wiley.
- Hall, R., & Spakman, W. (2015). Mantle structure and tectonic history of SE Asia. Dalam *Tectonophysics* (Vol. 658, hlm. 14–45). Elsevier B.V. <https://doi.org/10.1016/j.tecto.2015.07.003>
- Hamilton, W., Lujan, M., & Peck, D. L. (1979). Tectonics of The Indonesian Region. *USGS Printing Office, 1*, 1–345.
- Handoko, D., Widjadjanti, N., & Muslim, B. (2019). Performa Metode Precise Point Positioning (PPP) dengan Koreksi Ionosfer Orde 1 Pada Data Pengamatan Stasiun CORS BIG. *Elipsoida*, 2(2), 79–84.
- Hidayati, N., Kaluku, A., Sativa, O., Budi, F., Pria Sakti, A., Pramono, S., Permana, D., & Setiyo Prayitno, B. (2018). *Ulasan Guncangan Tanah Akibat Gempa Bumi Lombok Timur 19 Agustus 2018*. BMKG.
- Hofmann, B., & Moritz, H. (2005). *Physical Geodesy*. SpringerWienNewYork.
- Ilahi, R. (2018). Analisis Deformasi Stasiun CORS BIG di Sekitar Sesar Baribis dan Anjak Kendeng Berdasarkan Data Pengamatan Multi Tahun (2015, 2016, 2017) [Universitas Gadjah Mada]. Dalam *Skripsi*. <https://etd.repository.ugm.ac.id/penelitian/detail/160161>
- International GNSS Service. (2019). *Station Operator Resources*. <https://igs.org/station-resources/#site-guidelines>
- Isnaini, E. L. (2019). Deteksi Siklus Gempa Menggunakan Data CORS GNSS dengan Metode PPP (Studi Kasus: Sesar Anjak Kendeng) [Universitas Gadjah Mada]. Dalam *Tesis*. <https://etd.repository.ugm.ac.id/>
- Kaiser, A., Balfour, N., Fry, B., Holden, C., Litchfield, N., Gerstenberger, M., D’Anastasio, E., Horspool, N., McVerry, G., Ristau, J., Bannister, S., Christophersen, A., Clark, K., Power, W., Rhoades, D., Massey, C., Hamling, I., Wallace, L., Mountjoy, J., ... Gledhill, K. (2017). The 2016 Kaikōura, New Zealand, earthquake: Preliminary seismological report. *Seismological Research Letters*, 88(3), 727–739. <https://doi.org/10.1785/0220170018>
- Koulali, A., Susilo, S., McClusky, S., Meilano, I., Cummins, P., Tregoning, P., Lister, G., Efendi, J., & Syafi’I, M. A. (2016). Crustal strain partitioning and the associated earthquake hazard in the eastern Sunda-Banda Arc. *Geophysical Research Letters*, 43(5), 1943–1949. <https://doi.org/10.1002/2016GL067941>

- Krakiwsky, E. J., & Wells, D. E. (1971). *Coordinate Systems in Geodesy*. University of New Brunswick.
- Kusuma, A. R. (2022). *Analisis Spasial Temporal Postseismic Akibat Gempa Pulau Lombok 2018 Menggunakan Citra Satelit Sentinel-1* [Universitas Gadjah Mada]. <https://etd.repository.ugm.ac.id/>
- Lestari, D. (2006). *GPS Study for Resolving The Stability of Borobudur Temple Site* [University of South Wales]. <https://doi.org/10.26190/unsworks/19884>
- Lipatnikov & Shevchuk. (2019). *Cost Effective Precise Positioning with GNSS* (74 ed.). The International Federation of Surveyors (FIG).
- Malinowski, M., & Kwiecien, J. (2016). A Comparative Study of Precise Point Positioning PPP Accuracy Using Online Services. *Reports on Geodesy and Geoinformatics*, 102, 15–31. <https://doi.org/10.1515/rgg-2>
- Nur, R. F. (2021). *Analisis Arah dan Laju Pergeseran Tektonik Sumatra Berdasarkan Data Indonesia Continuously Operating Reference Station (Ina-CORS) dan Sumatran GPS Array (SuGAR) Tahun 2018 s.d. 2019* [Universitas Gadjah Mada]. <https://etd.repository.ugm.ac.id/>
- Nurusyifa, A. (2023). *Analisis Deformasi Sesar Kendeng Berdasarkan Data Pengamatan GNSS CORS dengan Metode Pengolahan PPP Tahun 2017 s.d. 2021* [Universitas Gadjah Mada]. <https://etd.repository.ugm.ac.id>
- Pamungkas, T. P. (2023). *Analisis Laju dan Arah Kecepatan Pergeseran Pitik Pantau GNSS Campaign Sesar Semangko Berdasarkan Metode Precise Point Positioning (PPP) Tahun 2014 s.d. 2021* [Universitas Gadjah Mada]. <https://etd.repository.ugm.ac.id>
- Peraturan Kepala Badan Pengawas Tenaga Nuklir Nomor 1 Tahun 2008 Tentang Evaluasi Tapak Reaktor Daya Untuk Aspek Kegempaan, Pub. L. No. 1, Bapeten 1 (2008). https://jdih.bapeten.go.id/unggah/dokumen/peraturan/37-1_%28PERATURAN%29-1557808336.pdf
- Pikridas, C., Bitharis, S., Fotiou, A., Rossikopoulos, D., Katsougiannopoulos, S., Spanakaki, K., & Karolos, I. (2017). Monitoring Seismic Displacements Using Gns Data with PPP Method. *Bulletin of the Geological Society of Greece*, 50(3), 1563. <https://doi.org/10.12681/bgsg.11870>
- Prawira, R. A., Yuwono, B. D., & Sudarsono, B. (2018). Studi Deformasi Waduk Pendidikan Diponegoro Tahun 2017. *Jurnal Geodesi Undip*, 7(1), 232–242.

- Pusat Jaring Kontrol Geodesi dan Geodinamika. (2019). *InaCORS BIG Satu Referensi Pemetaan Indonesia*. <https://doi.org/10.13140/RG.2.2.28041.70248>
- PuSGeN. (2017). *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017* (M. Irsyam, S. Widiyantoro, D. H. Natawidjaja, I. Meilano, A. Rudyanto, S. Hidayati, W. Triyoso, N. R. Hanifa, D. Djarwadi, L. Faizal, & Sunarjito, Ed.; 1 ed., Vol. 1). Kementerian PUPR.
- PuSGeN. (2018). *Kajian Rangkaian Gempa Lombok, Provinsi Nusa Tenggara Barat, 29 Juli 2018 (M6.4), 5 Agustus 2018 (M7.0), 19 Agustus 2018 (M6.9)*.
- Ramdani, F., Setiani, P., & Setiawati, D. A. (2019). Analysis of Sequence Earthquake of Lombok Island, Indonesia. *Progress in Disaster Science*, 4. <https://doi.org/10.1016/j.pdisas.2019.100046>
- Rofi A, & Zarodi H. (2020). Dampak Gempa Lombok dan Sumbawa 2018 terhadap Sumber Penghidupan dan Strategi Kelangsungan Hidup Keluarga Korban. *Majalah Geografi Indonesia*, 34(2), 95–100.
- Saputra, R., Awaluddin, M., & Yuwono, D. (2017). Analisis Deformasi di Wilayah Jawa Timur dengan Menggunakan CORS BIG. Dalam *Jurnal Geodesi Undip Oktober* (Vol. 6, Nomor 4).
- Snay, R. A., & Soler, T. (2008). Continuously Operating Reference Station (CORS): History, Applications, and Future Enhancements. *Journal of Surveying Engineering*, 134(4), 95–104. [https://doi.org/10.1061/\(asce\)0733-9453\(2008\)134:4\(95\)](https://doi.org/10.1061/(asce)0733-9453(2008)134:4(95))
- Sulaeman, C., Hidayati, S., Omang, A., & Priambodo, I. C. (2018). Tectonic model of Bali Island inferred from GPS data. *Indonesian Journal on Geoscience*, 5(1), 81–91. <https://doi.org/10.17014/ijog.5.1.81-91>
- Sulaeman, C., Minarno, P. A., Afif, H., Robiana, R., Solikhin, A., Omang, A., Priambodo, I., Hidayati, S., & Meilano, I. (2019). Deformasi Pulau Lombok Berdasarkan Data GPS. *Jurnal Lingkungan dan Bencana Geologi*, 10(1), 11–18. <http://jlbgeologi.esdm.go.id/index.php/jlbgeologi>
- Susilo, Kautsar, M. A., Wibowo, S. T., Basuki, A. Y., Wijanarto, J., & Abidin, A. B. (2018). GPS/GNSS Analysis on Lombok Earthquakes: Co-seismic Deformation. *Badan Informasi Geospasial*, 1–5.
- Turcotte, D. L., & Schubert, G. (2014). *Geodynamics* (Third). Cambridge University Press.

- Wang, C., Wang, X., Xiu, W., Zhang, B., Zhang, G., & Liu, P. (2020). Characteristics of the Seismogenic Faults in the 2018 Lombok, Indonesia, Earthquake Sequence as Revealed by Inversion of InSAR Measurements. *Seismological Research Letters*, 91(2A), 733–744. <https://doi.org/10.1785/0220190002>
- Wang, X., Xu, C., Xiao, Z., & Peng, Y. (2022). Source Model for Buried Thrust-Dominated Earthquakes Using Partial InSAR Displacements: The 2018 Lombok, Indonesia, Earthquake Sequence. *Geophysical Journal International*, 229(2), 1434–1447. <https://doi.org/10.1093/gji/ggab532>
- Wheeler, J., & Cheadle, M. (2014). Geophysics. Dalam *Reference Module in Earth Systems and Environmental Sciences* (hlm. 1–4). Elsevier. <https://doi.org/https://doi.org/10.1016/B978-0-12-409548-9.09038-2>
- Wibowo, S. B., Hadmoko, D. S., Isnaeni, Y., Farda, N. M., Putri, A. F. S., Nurani, I. W., & Supangkat, S. H. (2021). Spatio-temporal distribution of ground deformation due to 2018 lombok earthquake series. *Remote Sensing*, 13(11). <https://doi.org/10.3390/rs13112222>
- Widjajanti, N. (2010). *Deformation Analysis of Offshore Platform Using GPS Technique and Its Application in Structural Integrity Assessment*. Universiti Teknologi Petronas.
- Widjajanti, N., Muryamto, R., Heliani, L. S., & Yulaikhah. (2017). *Diktat Kuliah Hitung Perataan*. Universitas Gadjah Mada.
- Wihikan, D. W. (2020). Analisis Pola Pergerakan Stasiun Cors di Pulau Sulawesi Akibat Gempa Tektonik Palu 7, 5 Sr [Universitas Gadjah Mada]. Dalam *Skripsi*. <https://etd.repository.ugm.ac.id/>
- Yang, X., Singh, S. C., & Tripathi, A. (2018). Did the Flores backarc thrust rupture offshore during the 2018 Lombok earthquake sequence in Indonesia? *Geophysical Journal International*, 221, 758–768. <https://doi.org/10.1093/gji/ggaa018i>
- Yigit, C. ozer. (2016). Experimental Assessment of Post-Processed Kinematic Precise Point Positioning Method for Structural Health Monitoring. *Geomatics, Natural Hazards and Risk*, 7(1), 360–383. <https://doi.org/10.1080/19475705.2014.917724>
- Yudi, A., Santoso, E., Kaluku, A., Dawwam, F., Sakti, A. P., Pramono, S., & Permana, D. (2018). *Ulasan Guncangan Tanah Akibat Gempa Bumi Lombok Timur*. https://cdn.bmkg.go.id/Web/Ulasan_Guncangan_Gempa_Lombok_Timur_05082018_5_revisi_1.pdf

- Yulaikhah, Pramumijoyo, S., & Widjajanti, N. (2018). Correlation of GNSS Observation Data Quality Resulted from TEQC Checking and Coordinate's Precision. *JGISE: Journal of Geospatial Information Science and Engineering*, 1(1). <https://doi.org/10.22146/jgise.38387>
- Zakaria, Z. (2007). Aplikasi Tektonik Lempeng dalam Sumber Daya Mineral, Energi dan Kewilayahan. *Bulletin of Scientific Contribution*, 5(2), 123–131.
- Zakka, A. M. (2023). *Analisis Laju dan Arah Pergeseran Titik Pantau Sesar Baribis Berdasarkan Data Pengamatan GNSS Campaign Menggunakan Metode PPP pada Tahun 2017 s.d 2021* [Universitas Gadjah Mada]. <https://etd.repository.ugm.ac.id>