

## DAFTAR PUSTAKA

- Abidin, h. z. (2007). Penentuan Posisi dengan GPS dan Aplikasinya. In (3rd ed.). Jakarta, Indonesia: PT. Pradnya Paramita.
- 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>
- Andreas, H., Zainal Abidin, H., Anggreni Sarsito, D., Meilano, I., & Susilo, S. (2019). Investigating the tectonic influence to the anthropogenic subsidence along northern coast of Java Island Indonesia using GNSS data sets. *E3S Web of Conferences*, 94(May). <https://doi.org/10.1051/e3sconf/20199404005>
- Badan Informasi Geospasial. (2018). *InaCORS BIG Satu Referensi Pemetaan Indonesia*. (January). <https://doi.org/10.13140/RG.2.2.28041.70248>
- Barunawati, E. V. N. (2019). Analisis Hubungan Deformasi Di Jawa Timur Bagian Selatan Dengan Aktivitas Zona Subduksi Java Trench Menggunakan Data Gps Cors Tahun 2015-2018.
- Bock, Y. (2003). Crustal motion in Indonesia from Global Positioning System measurements. *Journal of Geophysical Research*, 108(B8).
- Carter, C. (1997). Principles of GPS A Brief Primer on the Operation of the Global Positioning System. *ReVision*, (805).
- Fowler, C. M. R. (2005). *The Solid Earth An Introduction to Global Geophysics* (2nd ed.). London: Press Syndicate of The University Of Cambridge.
- Gunawan, E., & Widiyantoro, S. (2019). Active tectonic deformation in Java, Indonesia inferred from a GPS-derived strain rate. *Journal of Geodynamics*, 123(January), 49–54. <https://doi.org/10.1016/j.jog.2019.01.004>
- Isnaini, E. E. N. L. (2019). *Deteksi Siklus Gempa Menggunakan Data Cors Gnss Dengan Metode Ppp ( Studi Kasus : Sesar Anjak Kendeng )*. Universitas Gadjah Mada.
- Jekeli, C. (2006). *Geometric Reference Systems in Geodesy*. <https://doi.org/10.1007/978-3-319-49941-3>

- Kanamori, H., & Anderson, D. L. (1975). Theoretical basis of some empirical relations in seismology. *Bulletin of the Seismological Society of America*, 65(5), 1073–1095.
- Keller, E. A., & Pinter, N. (2014). Active Tectonics Earthquakes, Uplift, and Landscape. In *Environmental & Engineering Geoscience*. <https://doi.org/10.2113/gseegeosci.iii.3.463>
- Koulali, A., McClusky, S., Susilo, S., Leonard, Y., Cummins, P., Tregoning, P., ... Wijanarto, A. B. (2017). The kinematics of crustal deformation in Java from GPS observations: Implications for fault slip partitioning. *Earth and Planetary Science Letters*, 458, 69–79. <https://doi.org/10.1016/j.epsl.2016.10.039>
- Nugraha, A. D., Supendi, P., Shiddiqi, H. A., & Widiyantoro, S. (2016). Unexpected earthquake of June 25th, 2015 in Madiun, East Java. *AIP Conference Proceedings*, 1730. <https://doi.org/10.1063/1.4947369>
- Okada, Y. (1985). Surface deformation due to shear and tensile faults in a half-space. *Bulletin - Seismological Society of America*, 75(2), 1135–1154.
- Pradipta, D., Kuntjoro, W., & Prijatna, K. (2012). Temporal Variation Analysis from Troposphere Delay using GPS (Study: Bandung, Indonesia). *Indonesian Journal of Geospatial*, 1(5), 54–70. Retrieved from [www.google.com](http://www.google.com)
- Pratama, C., Meilano, I., Sunarti, E., Haksama, S., & Sulistiyo, M. D. (2020). Data-Driven of Time Series Decomposition on Estimating Geodetic Secular Motion around Palu- Koro Fault Zone. *2020 8th International Conference on Information and Communication Technology, ICoICT 2020*. <https://doi.org/10.1109/ICoICT49345.2020.9166422>
- Pustlitbang PUPR. (2017). *Peta sumber dan bahaya gempa Indonesia tahunan 2017*. Kabupaten Bandung: Pusat Penelitian dan Pengembangan Perumahan dan Pemukiman Badan Penelitian dan Pengembangan Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Ragan, D. M. (2009). *Structural Geology: An Introduction to Geometrical Techniques - 4th edition* (4th ed.). United States of America: Cambridge University Press.
- Sadd, M. H. (2014). Deformation: Displacements and Strains. *Elasticity*, (1969), 31–53. <https://doi.org/10.1016/B978-0-12-408136-9.00002-7>

- Sagiya, T., Miyazaki, S., & Tada, T. (2000). Continuous GPS array and present-day crustal deformation of Japan. *Pure and Applied Geophysics*, 157(11–12), 2303–2322. [https://doi.org/10.1007/978-3-0348-7695-7\\_26](https://doi.org/10.1007/978-3-0348-7695-7_26)
- Sarah, D., & Soebowo, E. (2018). Land subsidence threats and its management in the North Coast of Java. *IOP Conference Series: Earth and Environmental Science*, 118(1). <https://doi.org/10.1088/1755-1315/118/1/012042>
- Shen, Z. K., Wang, M., Zeng, Y., & Wang, F. (2015). Optimal interpolation of spatially discretized geodetic data. *Bulletin of the Seismological Society of America*, 105(4), 2117–2127. <https://doi.org/10.1785/0120140247>
- Simons, W. J. F., Socquet, A., Vigny, C., Ambrosius, B. A. C., Abu, S. H., Promthong, C., ... Spakman, W. (2007). A decade of GPS in Southeast Asia: Resolving Sundaland motion and boundaries. *Journal of Geophysical Research: Solid Earth*, 112(6), 1–20. <https://doi.org/10.1029/2005JB003868>
- Stanaway, R., Roberts, C., Blick, G., Crook, C., & Zealand, N. (2012). *Four Dimensional Deformation Modelling , the link between International , Regional and Local Reference Frames Four Dimensional Deformation Modelling , the link between International , Regional and Local Reference Frames*. (May 2012), 6–10.
- Susilo, A., & Adnan, Z. (2013). Probabilistic Seismic Hazard Analysis of East Java Region, Indonesia. *International Journal of Computer and Electrical Engineering*, 5(3), 341–344. <https://doi.org/10.7763/ijcee.2013.v5.728>
- Wells, D. L., & Coppersmith, K. J. (1994). New empirical relationship between magnitude, rupture length, rupture width, rupture area, and surface displacement. *Bulletin of the Seismological Society of America*, 84(4), 974–1002.
- Widjajanti, N., Pratama, C., Parseno, Sunantyo, T. A., Heliani, L. S., Ma'ruf, B., ... Umami, R. F. (2020). Present-day crustal deformation revealed active tectonics in Yogyakarta, Indonesia inferred from GPS observations. *Geodesy and Geodynamics*, 11(2), 135–142. <https://doi.org/10.1016/j.geog.2020.02.001>
- Yang, B. (2005). Stress Analysis in Two-Dimensional Problems. *Stress, Strain, and Structural Dynamics*, (ii), 135–156. <https://doi.org/10.1016/b978-012787767-9/50006-4>