

## DAFTAR PUSTAKA

- Abidin, H. Z., Andreas, H., Meilano, I., Gamal, M., Gumilar, I., & Abdullah, C. I. (2009). Deformasi koseismik dan pascaseismik gempa Yogyakarta 2006 dari hasil survei GPS. *Indonesian Journal on Geoscience*, 4(4), 275-284.
- Anggara, O., Alif, S. M., Pratama, A. W., & Hutabarat, W. M. (2024). Uji Signifikansi Stasiun GPS Kontinu dan Periodik dalam Identifikasi Pergeseran Koseismik. *Jurnal Fisika Unand*, 13(1), 89-95.
- Bidang Seismologi Teknik BMKG. (2019). Ulasan Guncangan Tanah Akibat Gempa Bumi Mentawai, Sumatera Barat.
- Efendi, J., Prijatna, K., & Meilano, I. (2018). Analisis Pergeseran Koseismik Gempa Sianok Tahun 2007 Berdasarkan Data Pengamatan GPS Tahun 1993-2007 dan Efek terhadap SRGI 2013. *Reka Geomatika*, 2018(1).
- Efendi, J., Prijatna, K., & Meilano, I. (2018). Analisis Pergeseran Koseismik Gempa Sianok Tahun 2007 Berdasarkan Data Pengamatan GPS Tahun 1993-2007 dan Efek terhadap SRGI 2013. *Reka Geomatika*, 2018(1).<https://doi.org/10.26760/jrg.v2018i1.2662>.
- Fauzan, M. (2024). Analisis Deformasi Fase *Coseismic* pada Stasiun Continuously Operating Reference Station (CORS) Akibat Gempa Tektonik Cianjur Mw 5,6 Tahun 2022 [Skripsi]. Universitas Gadjah Mada.
- Ghilani, C. D. (2010). Adjustment Computation Spatial Data Analysis (5 ed.). John Wiley & Sons.
- Girty, G. . (2009). Earthquake. In *Perilous Earth: Understanding Process Behind Natural Disasters* (1st ed., pp. 2–3). Departement of Geological Sciences, San Diego State University.
- Herring, T. A., King, R. W., Floyd, M. A., & Mcclusky, S. C. (2018). GAMIT Reference Manual. June, 1–168.
- Herring, Thomas A, King, R. W., Floyd, M. A., & Mcclusky, S. C. (2018). Introduction to GAMIT/GLOBK Release 10.7. Massachusetts: Department of Earth, Atmospheric,

- and Planetary Science Massachusetts Institutes of Technology. Retrieved from [http://geoweb.mit.edu/gg/docs/GAMIT\\_Ref.pdf](http://geoweb.mit.edu/gg/docs/GAMIT_Ref.pdf).
- Kiratz, A. (2014). Mechanisms of earthquakes in Aegean. *Encyclopedia of earthquake engineering*, 382074. <https://doi.org/10.1007/978-3-642-36197-5>.
- Kuang, S. (1996). Geodetic network analysis and optimal design: concepts and applications.
- Leick, A., Rapoport, L., & Tatarikov, D. (2015). *GPS satellite surveying*. John Wiley & Sons. <https://doi.org/10.1002/9781119018612>.
- Lestari, D. (2006). *GPS study for resolving the stability of Borobudur temple site* (Doctoral dissertation, UNSW Sydney).
- Li, X., Wang, C., Zhu, C., Wang, S., Li, W., Wang, L., & Zhu, W. (2022). Coseismic deformation field extraction and fault slip inversion of the 2021 Yangbi Mw 6.1 earthquake, Yunnan Province, based on time-Series InSAR. *Remote Sensing*, 14(4), 1017.
- Masseran, N. (2015). Markov chain model for the stochastic behaviors of wind-direction data. *Energy conversion and management*, 92, 266-274.
- Natawidjaja, D. H., Sieh, K., Galetzka, J., Suwargadi, B. W., Cheng, H., Edwards, R. L., & Chlieh, M. (2007). Interseismic deformation above the Sunda Megathrust recorded in coral microatolls of the Mentawai islands, West Sumatra. *Journal of Geophysical Research: Solid Earth*, 112(B2).
- Okada, Y. (1985). Surface deformation due to shear and tensile faults in a half-space. *Bulletin of the seismological society of America*, 75(4), 1135-1154.
- Okada, Y. (1995). *Simulated Empirical Law of Coseismic Crustal Deformation*, *Journal of Physics of the Earth*, 43(6), hal. 697–713. doi: 10.4294/jpe1952.43.697.
- Pratama, A., Arisondang, V., & Sudarsono, B. (2013). Pengolahan Data Gps Kontinyu Jaringan Sugar (Sumatran Gps Array) Untuk Mengamati Deformasi Akibat Gempa Cekungan Wharton Sumatera. *DIPOIPTEKS: Jurnal Ilmiah Mahasiswa Undip*, 1(1), 34-38.

- Prawirodirdjo. (2000). Accomodated The Subduction of Indo-Australia Plate Through Eurasian Plate.
- Qiu, Q., & Chan, C. H. (2019). Coulomb stress perturbation after great earthquakes in the Sumatran subduction zone: Potential impacts in the surrounding region. *Journal of Asian Earth Sciences*, 180, 103869.
- Salman, R., Lindsey, E. O., Feng, L., Bradley, K., Wei, S., Wang, T., ... & Hill, E. M. (2020). Structural controls on rupture extent of recent Sumatran Fault Zone earthquakes, Indonesia. *Journal of Geophysical Research: Solid Earth*, 125(2), e2019JB018101.
- Sinaga, S. S., Awaluddin, M., & Sabri, L. M. (2020). Analisis Deformasi Koseismik Gempa Nias 3 Juni 2019 Menggunakan Data Cors Big Dan Sugar. *Jurnal Geodesi UNDIP*, 9(4), 12-21.
- Stanaway, R., Roberts, C., Blick, G., & Crook, C. (2012, May). Four dimensional deformation modelling, the link between international, regional and local reference frames. In *Proc., FIG Working Week*. Copenhagen, Denmark: International Federation of Surveyors.
- Ulinuha, H. (2015). Analisis Deformasi Aspek Geometrik Segmen Mentawai Akibat Gempa Tektonik 10 Juli 2013. Tesis Program Studi S-2 Teknik Geomatika. Pascasarjana Fakultas Teknik. Universitas Gadjah Mada. Yogyakarta.
- Ulinuha, H., Sunantyo, A., & Widjajanti, N. (2018). Analysis of the July 10th 2013 Tectonic Earthquake effect on the Coordinates Changes of Mentawai Segment Monitoring Station. *Journal of Geospatial Information Science and Engineering (JGISE)*, 1(2), 51-57.
- USGS, United States Geological Survey, <http://pubs.usgs.gov/gip/dynamic/> (diakses tahun 2024).
- Wells, D. L., & Coppersmith, K. J. (1994). New Empirical Relationship among Magnitude, Rupture Length, Rupture Width, Rupture Area, and Surface Displacement. *Bulletin of the Seismological Society of America*, 84(4), 974–1002.

- Widjajanti, N. (1997). *Analisis Deformasi–Status Geometrik Dua Dimensi dengan Pendekatan Generalisasi Matriks Kebalikan* (Doctoral dissertation, Tesis Magister, Program Pascasarjana Institut Teknologi Bandung, Bandung).
- Wihikan, D. W. (2020). Analisis Pola Pergeseran Stasiun CORS di Pulau Sulawesi Akibat Gempa Tektonik Palu 7,5 SR [Skripsi]. Teknik Geodesi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.
- Wulantantri, R. W. H. (2022). Analisis Deformasi Fase *Coseismic* Gempa Mamuju Mw. 6,2 Tahun 2021 Berdasarkan Data Pengamatan CORS. Skripsi Program Sarjana. Teknik Geodesi. Fakultas Teknik. Universitas Gadjah Mada. Yogyakarta.
- Yulaikhah, Y., 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>