DAFTAR PUSTAKA

Abdillah, H. W. K. (2019). *Analisis Patahan Aktif Menggunakan Data Deformasi untuk Studi Keselamatan Lokasi Tapak Reaktor Daya Eksperimental di Serpong, Tangerang Selatan*. Universitas Gadjah Mada.

Abidin, H. Z. (2002). *Penentuan Posisi dengan GPS dan Aplikasinya*. PT Pradnya Paramita.

Abidin, H. Z. (2007). *Penentuan Posisi dengan GPS dan Aplikasinya*. PT Pradnya Paramita.

Abidin, H. Z., Andreas, H., & Meilano, I. (2009). Deformasi Koseismik dan Pascaseismik Gempa Yogyakarta 2006 dari Hasil Survei GPS. *Jurnal Geologi Indonesia*, 275–284.

Adam, J. A. N. (2020). *Estimasi Nilai Laju Geser dan Geometri Sesar Opak Menggunakan Data Pengamatan Geodetik di Yogyakarta*.

Alif, S. M., Ching, K.-E., Sagiya, T., & Wahyuni, W. N. (2024). Determination of Euler Pole Parameters for Sundaland Plate Based on Updated GNSS Observations in Sumatra, Indonesia. *Geoscience Letters*, *11*(1), 16. https://doi.org/10.1186/s40562-024-00330-0

Altamimi, Z., Collilieux, X., & Metivier, L. (2013). ITRF Combination: Theoretical and Practical Consideration and Lesson from ITRF 2008. *Springer: Reference Frame for Application Geosciences*, *13*.

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*.

Annuriah, I., Budiawati, O. M., Fitri, W., Chabibi, F. F., Ginting, A. P., Wibowo, S. T., & Anugrah, Y. (2019). *InaCORS BIG: Satu Referensi Pemetaan Indonesia*. Badan Informasi Geospasial.

Ayani, R. H., Ching, K. E., Anjasmara, I. M., & Lin, Y. N. (2021). Crustal Deformation of the Kendeng Fault Branches Area from GNSS and InSAR Data in Surabaya City, Indonesia. *IOP Conference Series: Earth and Environmental Science*, *936*(1). https://doi.org/10.1088/1755-1315/936/1/012019

Blewitt, G. (1997). *Basics of the GPS Technique : Observation Equations in Geodetic Applications of GPS*.

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). https://doi.org/10.1029/2001JB000324

Dardji, N., Villemin, T., & Rampnoux, J. P. (1994). Paleostresses and Strike-slip Movement: the Cimandiri Fault Zone, West Java, Indonesia. *Journal of Southeast Asian Earth Sciences*, *9*(1–2), 3–11. https://doi.org/10.1016/0743-9547(94)90061-2

Dewi, F. C. (2018). *Relokasi Hiposenter Gempabumi Wilayah Sumatera Bagian Selatan Menggunakan Metode Double Difference (HypoDD)*. Universitas Lampung.

El-Rabbany, A. (2002). *Introduction to GPS: the Global Positioning System*. Artech house.

Fadhilah, F. Z. (2019). *Pergeseran Stasiun Pemantauan Sesar Opak dengan Pengolahan Data GNSS Multitahun (2013 S.d. 2018) Mengacu Pada ITRF2008 dan ITRF2014*.

Fajriyanto, Suyadi, Dewi, C., & Meilano, I. (2013). *Estimasi Laju Geser dan Pembuatan Model Deformasi di Selat Sunda dengan Menggunakan GPS Kontinyu*.

Grandis, H. (2009). *Pengantar Pemodelan Inversi Geofisika*. Bhumi Printing .

Hall, R. (2012). Late Jurassic–Cenozoic reconstructions of the Indonesian region and the Indian Ocean. *Tectonophysics*, *570–571*, 1–41. https://doi.org/10.1016/j.tecto.2012.04.021

Herring, T. A., King, R. W., Floyd, M. A., & Mcclusky, S. C. (2018a). *GAMIT Reference Manual Release 10.7*. 1–168.

Herring, T. A., King, R. W., Floyd, M. A., & Mcclusky, S. C. (2018b). *Introduction to GAMIT/GLOBK, Release 10.7*. . 1–168.

Herring, T. A., King, R. W., & Mc.Clussky, S. C. (2015). *Introduction to GAMIT/GLOBK*. Massachusetts Institute of Technology.

Hidayat, E. (2013). *Identifikasi Sesar Aktif di Sepanjang Jalur Kali Garang, Semarang*. *23*(1), 31–37.

Hofmann-Wellenhof, B., Lichtenegger, H., & Wasle, E. (2008). *GNSS - Global Navigation Satellite Systems*. Springer-Verlag Wien.

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.

Isnaini, E. L. (2019). *Deteksi Siklus Gempa Menggunakan Data CORS GNSS dengan Metode PPP (Studi Kasus : Sesar Anjak Kendeng).*

Ito, T., Gunawan, E., Kimata, F., Tabei, T., Simons, M., Meilano, I., Agustan, Ohta, Y., Nurdin, I., & Sugiyanto, D. (2012). Isolating along-strike Variations in the Depth Extent of Shallow Creep and Fault Locking on the Northern Great Sumatran Fault. *Journal of Geophysical Research: Solid Earth*, *117*(B6). https://doi.org/10.1029/2011JB008940

Janssen, V. (2009). *Understanding Coordinate Systems, Datums and Transformations in Australia*. 697–715.

Jekeli, C. (2006). *Geometric Reference Systems in Geodesy*. Ohio State University.

Jin, S., Cardellach, E., & Xie, F. (2014). *Gnss Remote Sensing Theory, Methods and Applications*. Springer.

Kaplan, E. D., & Hegarty, C. J. (2018). *Understanding GPS, Better Corporate Reporting*. https://doi.org/doi: 10.4324/9781351274845-1

King, R. W., & Bock, Y. (2002). *Documentation for the GAMIT GPS Analysis Software*. Massachusetts Institute of Technology.

Koeswoyo, T. A. P. (2022). *Monitoring Pergerakan Sesar Kendeng Berdasarkan Pengamatan GPS Kontinu di Jawa Timur Bagian Utara*. Institut Teknologi Sepuluh November.

Koeswoyo, T. A. P., Anjasmara, I. M., & Kurniawan, A. (2023). *Studi Deformasi Sesar Kendeng Berdasarkan Data Pengamatan GPS Kontinu dan Campaign Tahun 2016 - 2020*.

Koulali, A., McClusky, S., Susilo, S., Leonard, Y., Cummins, P., Tregoning, P., Meilano, I., Efendi, J., & 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

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

Kuncoro, H. (2013). Metodologi Pengestimasian Parameter Rotasi Euler dengan Menggunakan Data Pengamatan GPS. *Indonesian Journal of Geospatial* , *1*(2).

Kuncoro, H., Kartini, G. A. J., Meilano, I., & Susilo. (2018). *Identifikasi Mekanisme Sesar di Bagian Timur Pulau Jawa dengan Menggunakan Data GNSS Kontinyu 2010-2016*.

Leick, A. (2004). *GPS Satellite Surveying. in Surveying (3rd Edition)*. (3rd ed.). John Wiley & Sons.

Leick, A., Rapoport, L., & Tatarnikov, D. (2015). *GPS Satellite Surveying*. John Wiley & Sons.

Lestari, D. (2006). *GPS Study for Resolving the Stability of Borobudur Temple Site*. University of New South Wales.

Manurung, P., Manurung, J., Pramujo, H., & Prawira, R. (2019). Kemandirian Teknologi Pengembangan Receiver GNSS untuk Mobile CORS Berbasis Cloud Server. *Seminar Nasional Geomatika*, *3*(819). https://doi.org/https://doi.org/10.24895/sng.2018.3-0.1070.

Mauradhia, A., Anjasmara, I. M., & Susilo. (2019). *Analisis Deformasi Berdasarkan Pergeseran Titik Pengamatan GPS di Kota Surabaya*.

Meilano, I., & Alif, S. M. (2020). *Studi Slip Gempa Selat Sunda 2 Agustus 2019 dengan Magnitude 6,9 Berdasar Data GNSS*. Institut Teknologi Sumatera.

Nguyen, N., Griffin, J., Cipta, A., & Cummins, P. R. (2015). *Indonesia's Historical Earthquakes: Modelled Examples for Improving The National Hazard Map*. https://doi.org/10.11636/Record.2015.023

Nugroho, K. F. (2019). Analysis of Sangihe Islands Movements Derived from Recent GPS Observation. *JGISE: Journal of Geospatial Information Science and Engineering*, *2*(2). https://doi.org/10.22146/jgise.51146

Nurusyifa, A. (2023). *Analisis Deformasi Sesar Kendeng Berdasarkan Data Pengamatan GNSS CORS dengan Metode Pengolahan PPP Tahun 2017 s.d. 2021*.

Pinasti, A., Widjajanti, N., Pratama, C., Parseno, P., Lestari, D., Sunantyo, A., Heliani, L., & Ulinnuha, H. (2019). Crustal Deformation Pattern across Yogyakarta Special Region Revealed by a Dense Geodetic Measurements. *2019 5th International Conference on Science and Technology (ICST)*, 1–5. https://doi.org/10.1109/ICST47872.2019.9166405

Pribadi, A. A. (2020). *Analisis Pergerakan Sekuler Lempeng Kepulauan Sangihe Berdasarkan Data Pengamatan CORS dan Pengukuran GNSS pada Epoch 2015 hingga 2019*. Universitas Gadjah Mada.

Putri, F. K. (2023). *Analisis Pergeseran Titik Pantau Sesar Opak Menggunakan Data Pengamatan Gps Mengacu ITRF2014 dan ITRF2020*.

Riastama, C. N., Anjasmara, I. M., & Kurniawan, A. (2022). *Pemanfaatan Data GPS Tahun 2017-2020 untuk Monitoring Aktivitas Sesar Kendeng di Kota Surabaya*. *17*(2), 2017–2020.

Satyana, A. H. (2007). A "Terra Incognita" in Petroleum Exploration: New Considerations on the Tectonic Evolution and Petroleum Implications. *Proc. Indon Petrol. Assoc., 31st Ann. Conv.* https://doi.org/10.29118/IPA.1211.07.G.085

Savage, J. C., & Burford, R. O. (1973). Geodetic Determination of Relative Plate Motion in Central California. *Journal of Geophysical Research*, *78*(5), 832–845. https://doi.org/10.1029/JB078i005p00832

Savage, J. C., & Lisowski, M. (1993). Inferred Depth of Creep on the Hayward Fault, Central California. *Journal of Geophysical Research: Solid Earth*, *98*(B1), 787–793. https://doi.org/10.1029/92JB01871

Segall, P. (2010). *Earthquake and Volcano Deformation*. Princeton University Press. https://doi.org/10.1515/9781400833856

Sickle, J. Van. (2020). *GPS and GNSS for Geospatial Professionals*. Penn State's Online Master of GIS. https://www.e-educatihttps://www.e-education.psu.edu/geog862/home.html.on.psu.edu/geog862/home.html.

Silvia, U. N., & Maimuna, A. K. (2020). Analisis Tingkat Risiko dan Kerentanan Bahaya Gempa Bumi di Kota Surabaya dalam Upaya Pemberian Informasi Mitigasi Bencana. In *Jurnal Meteorologi Klimatologi dan Geofisika* (Vol. 7, Issue 3).

Simandjuntak, T. O., & Barber, A. J. (1996). Contrasting Tectonic Styles in the Neogene Orogenic Belts of Indonesia. *Geological Society, London, Special Publications*, *106*(1), 185–201. https://doi.org/10.1144/GSL.SP.1996.106.01.12

Simons, W. J. F., Socquet, A., Vigny, C., Ambrosius, B. A. C., Abu, S. H., Promthong, C., Subarya, C., Sarsito, D. A., Matheussen, S., Morgan, P., & Spakman, W. (2007). A Decade of GPS in

Southeast Asia: Resolving Sundaland Motion and Boundaries. *Journal of Geophysical Research: Solid Earth*, *112*(6). https://doi.org/10.1029/2005JB003868

Smith-Konter, B. R., Sandwell, D. T., & Shearer, P. (2011). Locking Depths Estimated from Geodesy and Seismology along the San Andreas Fault System: Implications for Seismic Moment Release. *Journal of Geophysical Research*, *116*(B6), B06401. https://doi.org/10.1029/2010JB008117

Stein, C. A. (1991). The Solid Earth: An Introduction to Global Geophysics. *Eos, Transactions American Geophysical Union*, *72*(40), 427–428. https://doi.org/10.1029/90EO00309

Stein, S., & Wysession, M. (2009). *An Introduction to Seismology, Earthquakes, and Earth Structure*. Blackwell Publishing.

Sunarjo, Pribadi S., & Gunawan, M. T. (2012). *Gempa Bumi Edisi Populer*. Badan Meteorologi Klimatologi dan Geofisika.

Susilo, S., Meilano, I., Abidin, H. Z., & Sapiie, B. (2018). New Definition of Sunda Block Rotation Model. *Joint Convention Balikpapan 2015*, 22–25.

Swiatlowski, J. L. (2020). *Understanding Fault Creep from the Macroscopic to the Microscopic Scale*. UC Riverside.

Syahputri, B. E. A., Anjasmara, I. M., & Hayati, N. (2023). Investigation of Ground Deformation around The Segments of Kendeng Fault in East Java 2017-2020 using Multi-Temporal InSAR Analysis with GACOS Correction Product. *IOP Conference Series: Earth and Environmental Science*, *1127*(1), 012007. https://doi.org/10.1088/1755-1315/1127/1/012007

Tetteyfio, I. N. N. (2007). *Analysis of Data from the GPS Reference Station at AAU using GAMIT*. Institue of Electronic Systems Aalborg University.

Thatcher, W. (2009). How The Continents Deform: the Evidence from Tectonic Geodesy. *Annual Review Earth Planet Science*.

Tim Pusat Studi Gempa Nasional. (2017). *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017*. Pusat Penelitian dan Pengembangan Perumahan dan Permukiman Badan Penelitian dan Pengembangan Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Toksoz, N., Rodi, W., & Sarkar, S. (2007). *Grid-Search Techniques for Seismic Event Location and Phase Association*. https://doi.org/10.21236/ADA466474

Ulma, T. (2021). Analisis Deformasi Kota Surabaya di Wilayah Sekitar Sesar Kendeng dengan Metode PS-INSAR. *Jurnal Geosaintek*, *7*(2), 55. https://doi.org/10.12962/j25023659.v7i2.8582

Wolf, P. R., & Ghilani, C. D. (2006). *Adjustment Computations: Spatial Data Analysis*. John Wiley & Sons.