

## DAFTAR PUSTAKA

1. Mulyana, B., 2006, Extension Tektonik Selat Sunda, *Bulletin of Scientific Contribution*, Vol. 4 No. 2, hal. 137-145.
2. Yulaelawati, E. dan Syihab, U., 2008, *Mencerdasi Bencana*, Jakarta.
3. Badan Geologi, 2015, Gempabumi dan Tsunami, [https://vsi.esdm.go.id/index.php/kegiatan-pvmbg/download-center/cat\\_view/88-publikasi/114-leafletbooklet](https://vsi.esdm.go.id/index.php/kegiatan-pvmbg/download-center/cat_view/88-publikasi/114-leafletbooklet), diakses 12/12/2020.
4. Satria, L. A., Yogaswara, S., Ubaya, T., dan Anggraini, F., 2018, Aktifitas Gempabumi Sumatera Barat Berdasarkan Sumber dari Januari Hingga Juni 2018, Stasiun Geofisika Kelas I Silaing Bawah.
5. Andriyani, G., Kahar, S., awaluddin, M. dan Meilano, I., 2012, Kajian Regangan Selat Bali Berdasarkan Data GNSS Kontinu tahun 2009-2011, *Jurnal Geodesi Undip*, Vol. 1 No. 1, hal. 1-12.
6. Muzli, 2014, Hubungan Kecepatan Relatif Pergerakan Lempeng dengan Tingkat Seismisitas di Zona Subduksi, *Jurnal Meteorologi dan Geofisika*, Vol. 15 No. 3, hal. 187-192.
7. Badan Pusat Statistik, 2017, <https://www.bps.go.id/statictable/2014/09/05/1369/frekuensi-gempa-berdasarkan-kedalaman-dan-kekuatan-menurut-pulau-di-indonesia-2010-2016.html>, diakses 20/12/2020.
8. BMKG, 2019, *Katalog Gempabumi Signifikan dan Merusak 1821-2018*, Pusat Gempabumi dan Tsunami, Kedeputan Bidang Geofisika, Badan Meteorologi Klimatologi dan Geofisika, Jakarta.
9. USGS, Search Earthquake Catalog, 2021 <https://earthquake.usgs.gov/earthquakes/search>, diakses 15/12/2021.
10. Kuang, S., 1996, *Geodetic Network Analysis dan Optimal Design*, Ann Arbor Press, Inc, Michigan.
11. Mori, J., 2004, *Earthquake Prediction*, Lecture notes on KAGI 21 Summer School, Institute of Technology Bandung, Indonesia.
12. Sajagat, M. J., Awaluddin, M., Yuwono, B. D., 2016, hitungan Kecepatan Pergerakan Stasiun SuGAr Akibat Proses Interseismik Gempa Mentawai 2007, *Jurnal Geodesi Undip*, Vol. 5 No. 4, hal. 196-206.

13. Ardiansyah, S., 2014, Energi Potensial Gempabumi di Kawasan Segmen Mentawai-Sumatera Barat, *Akademi Meteorologi dan Geofisika*.
14. Yusfania, M., Ihsan, F. U., dan Cahyadi, M. N., 2014, Analisis Pergeseran Akibat Gempabumi Sumatera 11 April 2012 menggunakan Metode GPS Continue, *Geoid*, Vol. 11 No. 01, hal. 57-61.
15. Khawiendratama, B. P., Anjasmara, I. M., Yusfania, M., 2016, Analisa Perubahan Kecepatan Pergeseran Titik Akibat Gempa Menggunakan Data SuGAR (Sumatran GPS Array), *Jurnal Teknik ITS*, Vol. 5 No. 2.
16. Hadi, A.L., Anjasmara, I.M., Yusfania, M., 2016, Analisa Kecepatan Pergeseran di Wilayah Jawa Tengah Bagian Selatan Menggunakan GPS-CORS Tahun 2013-2015, *Jurnal Teknik ITS*, Vol. 5 No. 2, hal. 1-5.
17. Alif, S. M., Fattahm A. I., Kholil, M., 2020, Geodetic Slip Rate and Locking Depth of East Semangko Fault Derived from GPS Measurement, *Geodesy and Geodynamics xxx (xxxx) xxx*.
18. Noor, D., 2014, *Pengantar Geologi*, Deepublish, Yogyakarta.
19. USGS, Moving slabs [This Dynamic Earth, USGS], <http://pubs.usgs.gov/gip/dynamic/slabs.html>, diakses 14/01/2022.
20. National Park Service, 2020, Geology, <https://www.nps.gov/subjects/geology/plate-tectonics-convergent-plate-boundaries.htm>, diakses 26/01/2021.
21. Harjono, H., 2017, *Seismotektonik Busur Sunda*, LIPI Press, Jakarta.
22. <http://distamben.bantenprov.go.id>, diakses 16/01/2021.
23. DeMets, C., Gordon, R. G. dan Argus, D. F., 2010, Geologically Current Plate Motions, *Geophysical Journal International (GJI)*, Vol. 181, No. 1.
24. Memed, M.W., Soehaimi, A. dan Gunawan, H., 2019, *Dinamika Geologi Selat Sunda dalam Pembangunan berkelanjutan*, Badan Geologi, Bandung.
25. Sunarjo, Gunawan, M.T., Pribadi, S., 2012, *Gempabumi Edisi Populer*, Badan Meteorologi Klimatologi dan Geofisika, Jakarta.
26. Lestari, K., Farid, M., Mayub, A., 2018, Analisis Shear Strain dan Kerusakan Bangunan Akibat Gempa Bumi di Kecamatan Gading Cempaka dan Ratu Agung Kota Bengkulu, *Journal of Science Education*, Vol. 2 No. 3, hal. 222-226.
27. Kiswiranti, D., 2019, *Dasar-dasar Seismologi dan Aplikasinya*, Program Studi Teknik Geologi Institut Sains dan Teknologi Akprind, Yogyakarta.

28. Sarsito, D. A., Andreas, Abidin, H.Z., Meilano, I., Darmawan, dan Gamal, 2005, *Implikasi Coseismic dan postseismic Horizontal Displacement Gempa Aceh 2004 terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya*, Kelompok Keahlian Geodesi, Departemen Teknik Geodesi, Institut Teknologi Bandung, Bandung.
29. Abidin, H. Z., Jones, A., dan kahar, J., 2011, *Survei dengan GPS cetakan ketiga*, PT. Pradnya Paramita, Jakarta.
30. Kanamori, H. dan Brodsky, E. E., 2001, *The Physics of Earthquake, Physics Today*, hal 34-40.
31. Colorado State University, Global Positioning System, <http://ethiopia-gis.nrel.colostate.edu/gps.php>, diakses 15/12/2020.
32. El-Rabbany, A., 2002, *Introduction to GPS The Global Positioning System*, Artech House, Boston.
33. Earth Observatory of Singapore, Sumatran GPS Array (SuGAR), [https://earthobservatory.sg/facilities/sumatran-gps-array-sugar#:~:text=The%20Sumatran%20GPS%Array%20\(SuGAR,megathrust&20and%20the%20Sumatran%20fault](https://earthobservatory.sg/facilities/sumatran-gps-array-sugar#:~:text=The%20Sumatran%20GPS%Array%20(SuGAR,megathrust&20and%20the%20Sumatran%20fault), diakses 15/12/2020.
34. LIPI, 2021, [sugar.geotek.lipi.go.id](http://sugar.geotek.lipi.go.id), diakses 15/12/2020.
35. Badan Informasi Geospasial, 2019, *InaCORS BIG Satu Referensi Pemetaan Indonesia*, Pusat Jaring Kontrol Geodesi dan Geodinamika Badan Informasi Geospasial, Bogor.
36. Global Geodetic Observing System, 2020, IGS-International GNSS Service, <https://ggos.org/item/igs/>, diakses 26/01/2021
37. Herrig, T.A., King, R.W., Floyd, M.A., dan McClusky, S.C., 2015, *GAMIT Reference Manual Release 10.6*, Department of Earth, Atmospheric and Planetary Science Massachusetts Institute of Technology, Massachusetts.
38. Artini, S. R., 2014, Penentuan Koordinat Stasiun GNSS CORS GUI dengan Kombinasi Titik Ikat GPS Global dan Regional, *Jurnal Teknik Sipil*, Vol. 10 No.1, hal. 37-44.
39. Mutmainah, H., Christiana, D. W., Kusumah, G., 2016, Tsunami Mentawai 25 Oktober 2010 dan Dampaknya Kini terhadap Pantai Barat Mentawai, *Jurnal Kelautan*, Vol. 9 No.2, hal. 175-187.
40. Laksmi, B.I., dan Arif, A., 2012, Gempa Aceh Sama-sama Besar, Berbeda Dampak, [ldikti12.ristekdikti.go.id](http://ldikti12.ristekdikti.go.id), diakses 15/01/2022.

41. USGS, Search Earthquake Catalog, 2021, <https://earthquake.usgs.gov/earthquakes/map/?extent=-23.72501,100.59082&extent=9.57908,117.86133&range=search&map=false&search=%7B%22name%22:%22Search%20Results%22,%22params%22:%7B%22starttime%22:%222011-01-01%2000:00:00%22,%22endtime%22:%222020-12-31%2023:59:59%22,%22maxlatitude%22:-4.454,%22minlatitude%22:-10.299,%22maxlongitude%22:114.49,%22minlongitude%22:103.975,%22minmagnitude%22:4.5,%22orderby%22:%22time%22%7D%7D>, diakses 20/12/2021.
42. Hazliansyah, 2016, 3080 Hektare Sawah di Banten Diterjang Banjir, *m.republika.co.id*, diakses 16/01/2022.
43. Daryono, 2020, BMKG: Waspadai sesar aktif Segmen Aceh, *m.antaraneews.com*, diakses 10/01/2022.
44. Prawirodirdjo, L., McCaffrey, R., Chadwell, C. D., Bock, Y., & Subarya, C., 2010, Geodetic observations of an earthquake cycle at the Sumatra subduction zone: Role of interseismic strain segmentation, *Journal of Geophysical Research: Solid Earth*, Vol. 115 No. B3, hal 1-15.
45. Rafsanjani, M., Meilano, I., Sarsito, D.A., 2018, Deformation analysis of Mentawai Islands based on observation GPS data 2013-2016, *AIP Conference Proceedings*, AIP Publishing LLC.
46. Natawidjaja, D.H., Sieh, K., Galetzka, J., Suwargadi, B.W., 2007, Interseismic deformation above the Sunda Megathrust recorded in coral microatolls of the Mentawai Islands, West Sumatra, *Journal of Geophysical Research*, Vol. 112, hal. 1-27.
47. Geoportal Data Bencana Indonesia, Data Bencana, <https://gis.bnpb.go.id/>, diakses 16/01/2022.
48. Kelompok Keilmuan Geodesi, Studi Mekanisme Gempa Bumi Dan Tsunami Pangandaran Secara Geodetik, <https://geodesy.gd.itb.ac.id/>, diakses 15/01/2022.
49. Kuntoro, 1997, Kerangka Struktur Kawasan Selat Sunda Berdasarkan Penafsiran Seismik: Implikasi terhadap Bencana Alam Geologi, *Alami: Jurnal Teknologi Reduksi Risiko Bencana*, Vol. 2 No. 3.
50. Santi, E., Rahmadi, E., Fadly, R., 2022, Analisis Pergeseran Dan Regangan Selat Sunda Berdasarkan Data Cors Big Tahun 2017-2019, *Journal of Geodesy and Geomatics*, Vol. 1 No. 02, hal. 31-42.



51. Chaussard, E., Amelung, F., Abidin, H.Z., Hong, S.H., 2013, Sinking Cities in Indonesia: ALOS PALSAR detects rapid subsidence due to groundwater and gas extraction, *Remote Sensing of Environment*, Vol. 128, hal. 150-161.
52. Liu, B., Dai, W., Peng, W., Meng, X., 2015, Spatiotemporal analysis of GPS time series in vertical direction using independent component analysis, *Earth, Planets and Space*, Vol. 67 No. 1, hal. 1-10.

