

DAFTAR PUSTAKA

- Andreas, H., Sarsito, D. A., Irwan, M., Abidin, H. Z., Darmawan, D., & Gamal, M. (2005). *Implikasi Co-Seismic dan Post-Seismic Horizontal Displacement Gempa Aceh 2004 terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya*. December 2013.
- Bormann, P., & Saul, J. (2009). Earthquake Magnitude. In R. A. Meyers (Ed.), *Encyclopedia of Complexity and Systems Science* (hal. 2473–2496). Springer New York. https://doi.org/10.1007/978-0-387-30440-3_151
- Fang, J., Xu, C., Zang, J., Wen, Y., Song, C., & Li, Y. (2020). Application of high-rate GPS for earthquake rapid response and modelling: a case in the 2019 Mw 7.1 Ridgecrest earthquake. *Geophysical Journal International*, 222(3), 1923–1935. <https://doi.org/10.1093/gji/ggaa272>
- Fidia, R., Pujiastuti, D., & Sabarani, A. (2018). Korelasi Tingkat Seismisitas dan Periode Ulang Gempa Bumi di Kepulauan Mentawai dengan Menggunakan Metode Gutenberg-Richter. *Jurnal Fisika Unand*, 7(1), 84–89. <https://doi.org/10.25077/jfu.7.1.84-89.2018>
- Handayani, L. (2012). *Zona Gempa yang Terlupakan*. Lembaga Ilmu Pengetahuan Indonesia (LIPI). <http://lipi.go.id/berita/single/Zona-Gempa-yang-Terlupakan/7794>
- Hayes, G. P., Meyers, E. K., Dewey, J. W., Briggs, R. W., Earle, P. S., Benz, H. M., Smoczyk, G. M., Flamme, H. E., Barnhart, W. D., Gold, R. D., & Furlong, K. P. (2017). Tectonic summaries of magnitude 7 and greater earthquakes from 2000 to 2015. In *Open-File Report*. <https://doi.org/10.3133/ofr20161192>
- Herring, T. A., Floyd, M. A., & Perry, M. (2018). *Introduction to and basics of processing with track*. http://geoweb.mit.edu/~floyd/courses/gg/201807_Bishkek/
- Hill, E. M., Borrero, J. C., Huang, Z., Qiu, Q., Banerjee, P., Natawidjaja, D. H., Elosegui, P., Fritz, H. M., Suwargadi, B. W., Pranantyo, I. R., Li, L. L., Macpherson, K. A., Skanavis, V., Synolakis, C. E., & Sieh, K. (2012). The 2010 Mw 7.8 Mentawai Earthquake: Very Shallow Source of A Rare Tsunami Earthquake Determined from Tsunami Field Survey and Near-Field GPS Data. *Journal of Geophysical Research: Solid Earth*, 117(6). <https://doi.org/10.1029/2012JB009159>
- Kawamoto, S., Ohta, Y., Hiyama, Y., Todoriki, M., Nishimura, T., Furuya, T., Sato, Y., Yahagi, T., & Miyagawa, K. (2017). REGARD: A new GNSS-based real-time finite fault modeling system for GEONET. *Journal of Geophysical Research: Solid Earth*, 122(2), 1324–1349. <https://doi.org/10.1002/2016JB013485>
- Lay, T., Ammon, C. J., Kanamori, H., Yamazaki, Y., Cheung, K. F., & Hutko, A. R. (2011). The 25 October 2010 Mentawai tsunami earthquake (Mw 7.8) and the tsunami hazard presented by shallow megathrust ruptures. *Geophysical Research Letters*, 38(6). <https://doi.org/10.1029/2010GL046552>

- Montillet, J. P., Williams, S. D. P., Koulali, A., & McClusky, S. C. (2015). Estimation of offsets in GPS time-series and application to the detection of earthquake deformation in the far-field. *Geophysical Journal International*, 200(2), 1207–1221. <https://doi.org/10.1093/gji/ggu473>
- Ning, T., Johansson, J. M., Scherneck, H., Jarlemark, P. O. ., & Emardson, R. (2009). High-Rate GNSS Techniques for The Detection of Large Seismic Displacements. *IGARSS*, 359–362.
- Pratama, C., Ito, T., Tabei, T., Kimata, F., Gunawan, E., Ohta, Y., Yamashina, T., Nurdin, I., Sugiyanto, D., Muksin, U., Ismail, N., & Meilano, I. (2018). Evaluation of the 2012 Indian Ocean coseismic fault model in 3-D heterogeneous structure based on vertical and horizontal GNSS observation. *AIP Conference Proceedings*, 1987. <https://doi.org/10.1063/1.5047296>
- Pustlitbang PUPR. (2017). *Buku Peta Gempa 2017*.
- Rizki, A. A. (2021). *Earthquake Coseismic Displacement Estimation Based on High Rate Gns Observation*. Universitas Gadjah Mada.
- Ruhl, C. J., Melgar, D., Grapenthin, R., & Allen, R. M. (2017). The value of real-time GNSS to earthquake early warning. *Geophysical Research Letters*, 44(16), 8311–8319. <https://doi.org/10.1002/2017GL074502>
- Sathiakumar, S., Barbot, S. D., & Agram, P. (2017). Extending Resolution of Fault Slip With Geodetic Networks Through Optimal Network Design. *Journal of Geophysical Research: Solid Earth*, 122(12), 10,538–10,558. <https://doi.org/10.1002/2017JB014326>
- Setyonegoro, W., Sunardi, B., Sulastri, S., Nugraha, J., & Susilanto, P. (2012). Analisis Sumber Gempabumi Pada Segmen Mentawai (Studi Kasus: Gempabumi 25 Oktober 2010). *Jurnal Meteorologi dan Geofisika*, 13(2), 139–148. <https://doi.org/10.31172/jmg.v13i2.128>
- Shu, Y., Fang, R., Li, M., Shi, C., Li, M., & Liu, J. (2018). Very high-rate GPS for measuring dynamic seismic displacements without aliasing: performance evaluation of the variometric approach. *GPS Solutions*, 22(4), 121. <https://doi.org/10.1007/s10291-018-0785-z>
- 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), 52–58.
- Siska, D., & Wesli. (2013). Analisa Arah Rupture sebagai Parameter Gempa Bumi. *Seminar Nasional Rekayasa dan Teknologi (SNRT) Fakultas Teknik Universitas Malikussaleh*, 20. <http://repository.unimal.ac.id/id/eprint/848>
- Sugimoto, H. (2006). Introduction to GPS. In *Seimitsu Kogaku Kaishi/Journal of the Japan Society for Precision Engineering* (Vol. 72, Nomor 3). <https://doi.org/10.2493/jjspe.72.285>



- USGS. (2012). *M 8.6 - off the west coast of northern Sumatra*.
https://earthquake.usgs.gov/earthquakes/eventpage/official20120411083836720_20/executive
- USGS. (2019). *M 7.1 - 2019 Ridgecrest Earthquake Sequence*.
<https://earthquake.usgs.gov/earthquakes/eventpage/ci38457511/executive>
- Wahyono, E. B., & Suhattanto, M. A. (2019). Survey Satelit Pertanian. In *Jurnal Sosial Politik* (Vol. 5, Nomor 2). <https://doi.org/10.22219/sospol.v5i2.10695>
- Wei, S., Helmberger, D., & Avouac, J. P. (2013). Modeling the 2012 Wharton basin earthquakes off-Sumatra: Complete lithospheric failure. *Journal of Geophysical Research: Solid Earth*, 118(7), 3592–3609. <https://doi.org/10.1002/jgrb.50267>
- Widjajanti, N., Sutanta, H., Lestari, D., & Yulaikhah. (2017). *Diktat Kuliah Statistik dan Teori Kesalahan*.
- Winardi. (2006). Penentuan Posisi dengan GPS untuk Survei Terumbu Karang. *Puslit Oceanografi-LIPI*, 53(9), 1689–1699.
- Yue, H., Lay, T., Rivera, L., Bai, Y., Yamazaki, Y., Cheung, K. F., Hill, E. M., Sieh, K., Kongko, W., & Muhari, A. (2014). Rupture process of the 2010 Mw 7.8 Mentawai tsunami earthquake from joint inversion of near-field hr-GPS and teleseismic body wave recordings constrained by tsunami observations. *Journal of Geophysical Research: Solid Earth*, 119(7), 5574–5593.
<https://doi.org/https://doi.org/10.1002/2014JB011082>