

DAFTAR PUSTAKA

- Alzwar, M., Samodra, H., I, T. (1987): Pengantar Dasar Ilmu Gunungapi. NOVA Bandung, Bandung.
- Arimuko, A., Persada, Y. D., dan Subakti, H. (2019): Model Kecepatan 1-D Gelombang P Dan Gelombang S Dari Data Hasil Relokasi Hiposenter Di Wilayah Gunung Sinabung, *Jurnal Meteorologi Klimatologi dan Geofisika*, 5(3), 72–79. <https://doi.org/10.36754/jmkg.v5i3.77>
- Ammon, Charles J. (2005): An Introduction to Earthquakes. Pennsylvania: PennState Department of Geosciences.
- Bachri, S. (2014): Pengaruh Tektonik Regional Terhadap Pola Struktur dan Tektonik Pulau Jawa, *Jurnal Geologi dan Sumberdaya Mineral*, 15(4), 215–221.
- Bahri, Z., dan Mungkin, M. (2019): Penggunaan SCR sebagai Alarm Peringatan Dini pada saat Terjadi Gempa Bumi, *Journal of Electrical Technology*, 4(3), 101–105.
- Bemmelen, R.W. Van. (1949): The Geology of Indonesia. Netherland: Vol. IA, General Geology of Indonesia and Adjacent Archipelago, 2nd Edition.
- Bullen, K. E., & Bolt, B. A. (1985): An introduction to the theory of seismology. Cambridge university press.
- Elnashai S.A., dan Sarno D.L. (2008): Fundamental Of Earthquake Engineering. Wiley, Hongkong.
- Garini, S. A., Madlazim, dan Rahmawati, E. (2014): Relokasi Hiposenter Gempa Bumi Di Sulawesi Tengah Dengan Menggunakan Metode Geiger Dan Coupled Velocity-Hypocenter, *Jurnal Fisika*, 3(2), 107–112.
- Hamilton, W. (1973): Tectonics of the Indonesian Region NOT FUL TEXT, *Geological Society of Malaysia, Bulletin*, 6(July), 3–10.
- Hamilton, W. (1989): Convergent-plate tectonics viewed from the Indonesian region, 655–698 *dalam Tectonic evolution of the Tethyan region*, Springer.
- Hayes, G. P., Wald, D. J., dan Johnson, R. L. (2012): Slab1.0: A three-dimensional model of global subduction zone geometries, *Journal of Geophysical Research: Solid Earth*, 117(B1), 2011JB008524. <https://doi.org/10.1029/2011JB008524>
- Ibrahim, G., Subardjo. (2003): Pengetahuan Seismologi, Badan Meteorologi dan Klimatologi. Manado.
- Hardjono. (2006.): Hirarki Gempa Bumi Dan Tsunami (Aceh, Nias, Bantul, Pangandaran, dan Selat Sunda). Forum Geografi, Vol. 20, No. 2, Desember 2006: 135 - 141.
- Kennett, B. L. N., Engdahl, E. R., dan Buland, R. (1995): Constraints on seismic velocities in the Earth from traveltimes, *Geophysical Journal International*, 122(1), 108–124. <https://doi.org/10.1111/j.1365-246X.1995.tb03540.x>
- Koketsu, K., dan Sekine, S. (1998): Pseudo-bending method for three-dimensional seismic ray tracing in a spherical earth with discontinuities, *Geophysical Journal International*, 132(2), 339–346.
- Koulakov, I., Bohm, M., Asch, G., Lühr, B. -G., Manzanares, A., Brotopuspito, K. S., Fauzi, P., Purbawinata, M. A., Puspito, N. T., Ratdomopurbo, A., Kopp,

- H., Rabbel, W., dan Shevkunova, E. (2007): *P* and *S* velocity structure of the crust and the upper mantle beneath central Java from local tomography inversion, *Journal of Geophysical Research: Solid Earth*, **112**(B8), 2006JB004712. <https://doi.org/10.1029/2006JB004712>
- Kusky, T. (2008): FLOODS: Hazards of Surface and Groundwater Systems. Facts On File, Inc., New York. 144p.
- Lallemant, S., Heuret, A., dan Boutelier, D. (2005): On the relationships between slab dip, back-arc stress, upper plate absolute motion, and crustal nature in subduction zones, *Geochemistry, Geophysics, Geosystems*, **6**(9), 2005GC000917. <https://doi.org/10.1029/2005GC000917>
- Lillie, R. J. (2015): *Beauty from the Beast: Plate Tectonics and the Landscapes of the Pacific Northwest*, Wells Creek Publishers.
- Noor, D., 2006. Geologi Lingkungan. Graha Ilmu, Yogyakarta.
- Noor, Djauhari. 2012. Pengantar Geologi. Bogor: Universitas Pakuan.
- Pesicek, J. D., Thurber, C. H., Widiyantoro, S., Engdahl, E. R., dan DeShon, H. R. (2008): Complex slab subduction beneath northern Sumatra, *Geophysical Research Letters*, **35**(20), 2008GL035262. <https://doi.org/10.1029/2008GL035262>
- Pesicek, J. D., Thurber, C. H., Zhang, H., DeShon, H. R., Engdahl, E. R., dan Widiyantoro, S. (2010): Teleseismic double-difference relocation of earthquakes along the Sumatra-Andaman subduction zone using a 3-D model, *Journal of Geophysical Research: Solid Earth*, **115**(B10), 2010JB007443. <https://doi.org/10.1029/2010JB007443>
- Pusat Studi Gempa Nasional. (2024)
- Rahman, Y. Y., dan Santosa, B. J. (2013): Relokasi Hiposenter Gempa Bumi di Sumatera, *Jurnal Sains Dan Seni Pomits*, **2**(2).
- Rahmania, M. (2010): PENENTUAN JENIS SESAR PADA GEMPA SUKABUMI 2 SEPTEMBER 2009 BERDASARKAN GERAK AWAL GELOMBANG P.
- Ramdhan, M., Priyobudi, P., Kristyawan, S., dan Sembiring, A. S. (2020): Seismisitas di Wilayah Jawa Tengah dan Sekitarnya Berdasarkan Hasil Relokasi Hiposenter dari Empat Jaringan Seismik Menggunakan Model Kecepatan 3-D, *Eksplorium*, **41**(1), 61. <https://doi.org/10.17146/eksplorium.2020.41.1.5828>
- Rohadi, S., dan Masturyono, M. (2015): Lineasi Patahan Geologi Berdasarkan Distribusi Hiposenter Relokasi Di Wilayah Jawa, *Jurnal Meteorologi dan Geofisika*, **16**(3), 199–208. <https://doi.org/10.31172/jmg.v16i3.290>
- Rohmiasih, F., Andi, A., dan Wibowo, N. B. (2023): Relocation of the Hypocenter of an Earthquake with the Double Difference Method in the Regional Study Area of Yogyakarta, *Jurnal Geoelebes*, **7**(2), 176–185. <https://doi.org/10.20956/geoelebes.v7i2.22223>
- Shinta, V., Pujiastuti, D., dan Aulia, A. N. (2021): Studi Relokasi Hiposenter Aftershock Gempa Yogyakarta 2006, *Jurnal Fisika Unand*, **9**(4), 502–509. <https://doi.org/10.25077/jfu.9.4.502-509.2020>
- Soehaimi, A. (2008): Seismotektonik dan Potensi Kegempaan Wilayah Jawa, *Indonesian Journal on Geoscience*, **3**(4), 227–240. <https://doi.org/10.17014/ijog.vol3no4.20085>

- Sunardi, B. (2013): Peta deagregasi hazard gempa wilayah Jawa dan rekomendasi ground motion di empat daerah, *Universitas Islam Indonesia*.
- Sunarjo, G., dan Pribadi, S. (2012): Gempa Bumi Edisi Populer, *Jakarta: Badan Meteorologi Klimatologi dan Geofisika*.
- Supendi, P., Winder, T., Rawlinson, N., Bacon, C. A., Palgunadi, K. H., Simanjuntak, A., Kurniawan, A., Widiyantoro, S., Nugraha, A. D., Shiddiqi, H. A., Ardianto, Daryono, Adi, S. P., Karnawati, D., Priyobudi, Marliyani, G. I., Imran, I., dan Jatnika, J. (2023): A conjugate fault revealed by the destructive Mw 5.6 (November 21, 2022) Cianjur earthquake, West Java, Indonesia, *Journal of Asian Earth Sciences*, **257**(August), 105830. <https://doi.org/10.1016/j.jseaes.2023.105830>
- Susilawati. (2008): Penerapan Penjalaran Gelombang Seismik Gempa pada Penelaahan Struktur Bagian dalam Bumi, USU, Sumatera Utara.
- Tjasyono HK, B. (2003): Geosains. Penerbit ITB, Bandung
- Tohari, A., dan Sarah, D. (2007): Studi Potensi Likuifaksi Di Daerah ZonaPatahan Opak patalan - Bantul, Jogjakarta.
- Um, J., dan Thurber, C. (1987): A fast algorithm for two-point seismic ray tracing, *Bulletin of the Seismological Society of America*, **77**(3), 972–986.
- Waldhauser, F. (2001): hypoDD -- A Program to Compute Double-Difference Hypocenter Locations (hypoDD version 1.0 - 03/2001).
- Waldhauser, F. dan Ellsworth, W.L. (2000). A DD Earthquake Location Algorithm: Method and Application to the Northern Hayward Fault, California. *Bull. Seismo. Soc. Am.* Vol. 90, 1353-1368.
- Waldhauser, F., dan Schaff, D. (2007): Regional and teleseismic double-difference earthquake relocation using waveform cross-correlation and global bulletin data, *Journal of Geophysical Research: Solid Earth*, **112**(B12), 2007JB004938. <https://doi.org/10.1029/2007JB004938>
- Wibisono, A. H., Ahadi, R. W., Al Ghifari, S., Dani, I., dan Rasimeng, S. (2021): Penentuan Episentrum dan Hiposentrum Gempa Bumi Menggunakan Metode Grid Search di Antelope Valley, California, *Jurnal Geoelebes*, **5**(2), 173–181. <https://doi.org/10.20956/geoelebes.v5i2.14635>
- Wandono. (2007) Studi Tomografi Seismik Non Linier Lokal untuk Kompleks Kaldera Toba dan Sekitarnya, Disertasi Doktor, Institut Teknologi Bandung, Bandung.
- Xu, S., Fukuyama, E., Ben-Zion, Y., dan Ampuero, J.-P. (2015): Dynamic rupture activation of backthrust fault branching, *Tectonophysics*, **644**, 161–183.