

DAFTAR PUSTAKA

- Acocella, V., O. Bellier, L. Sandri, M. Sebrier dan S. Pramumijoyo. 2018. *Weak tectono-magmatic relationships along an obliquely convergent plate boundary, Sumatra, Indonesia*. *Frontiers Earth Sci.* 6, 3, p. 1-20.
- Aki, K. and Lee, W.H.K. 1976. *Determination OF Three-Dimensional Velocity Anomalies Under a Seismic Array Using First P Arrival Times from Local Earthquakes, A Homogeneous Initial Model*, *Journal Geophysics. Res*, Vol.81. No.23 hal. 43814399.
- Bhatia, A.B. dan Singh, R.N. 1986. *Mechanics of Deformable Media*, Adam Hilger Imprint, Bistol, University of Sussex Press, England.
- Bellier, O. dan M. Sebrier. 1994. *Relationship between tectonism and volcanism along the Great Sumatran Fault zone deduced by SPOT image analyses*. *Tectonophysics* 233, p. 215-231.
- Darman, H. dan Sidi, H. 2000. *An Outline of The Geology of Indonesia*, IAGI-200.
- Diament, M., H. Harjono, K. Karta, C. Deplus, D. Dahrin, M. T. Zen Jr., M. Gerard, O. Lassal, A. Martin, and J. Malod. 1992. *Mentawai fault zone off Sumatra: A new key to the geodynamics of western Indonesia*, *Geology*, 20(3), 259-262.
- Evans, J.R., Eberhart-Philips, and D., Thurber, C.H. 1994. *User's Manual for SIMULPS12 for Imaging V_p and V_p/V_s : A Derivative of the "Thurber" Tomographic Inversion SIMUL3 for Local Earthquakes and Explosions*, U.S. Geological Survey. USGS-OFR-94-431.
- Grandis, H., 2009. *Pengantar Pemodelan Inversi Geofisika*, Himpunan Ahli Geofisika Indonesia (HAGI), Jakarta.
- Hall, R., 2002. *Cemozoic Geological and Plate Tectonic Evolution of SE Asia and the SW Pacific: Computer Based Reconrtruction, Model and Animation*.

Journal of Asian Earth Science (20) 2002, 353 – 431.

- Hamilton, W.R., 1979. *Tectonics of The Indonesia Region*. United States Geological Survei.
- Humpherys, E., dan Clayton, R. W., 1988. *Adaption of back projection tomography to seismic travel time problems*, J. Geophys. Res., 93, 1073-1085.
- Iskandar, A. 2013. *Tomografi Seismik 3D Pada Lapangan Panas Bumi "X"*. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Hasanuddin. Makassar.
- Kastowo, Gerhard W.Leo,S.Gafoer dan T.C Amin. 1996. *Peta Geologi Lembar Padang Sumatera Barat*. Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Kissling, E. 1995. *Program VELEST USER'S GUIDE – Short Introduction*. Institute of Geophysics. ETH Zuerich.
- Lay, T., dan Wallace, T. C. 1995. *Global Modern Seismology*. Academic Press, California., 58.
- McCaffrey, R. 2009. *The tectonic framework of the Sumatran subduction zone*. Annual Review Earth Planetary Sci. 37, p. 345-366.
- Putri, Yanuarsih. 2012. *Relokasi Gempabumi Utama dan Gempabumi Susulan Menggunakan Metode MJHD (Studi Kasus Gempabumi Mentawai 25 Oktober 2012)*.
- R. Collings, D. Lange, A. Rietbrock, F. Tilmann, D. Natawidjaja, B. Suwargadi, M. Miller dan J. Saul. 2011. *Structure and seismogenic properties of the Mentawai segment of the Sumatra subduction zone by local earthquake travelttime tomography*. J. Geophys. Res., 117, 0148-0227.
- Satriyo, Agung. 2010. *Penentuan Anomali Perubahan Kecepatan Gelombang Primer dengan Kecepatan Gelombang Sekunder (VP/VS) Pada Daerah*

Papua Barat Studi Kasus Gempa Bumi Manokwari. Jakarta: Universitas Islam Negeri Syarif Hidayatullah.

Shelawisata, H. G., Dwa Desa Warnana, dan Rochman, J. P.G. N. 2018. *Pemodelan 3D Kecepatan Gelombang P Dengan Metode Double Difference Dan Tomografi Travel Time Untuk Identifikasi Patahan (Studi Kasus: Patahan Palu- Koro)*. Jurnal Geosaintek, 4 No.2, 51–62.

Sieh, K., dan D. Natawidjaja. 2000. *Neotectonics of the Sumatran fault*. Indonesia.J. Geophys. Res., 28, 295-326. 2000.

Thurber, C., Eberhart-Phillips, D., 1999. *Local Earthquake Tomography With Flexible Gridding*. Computers & Geosciences 25, 809-818.

Tipler, 1991. *Fisika untuk Sains dan Teknik*. Jakarta : Penerbit Erlangga.

Um, J dan C. Thurber. 1987. *A Fast Algorithm for Two Point Seismic Ray Tracing*. *Bulletin of the Seismological Society of America*. Vol.77, No.33, pp. 972-986, June 1987.

U.S Geological Survey. Internet: <https://www.usgs.gov/> diakses pada tanggal 15 Juli 2019 pukul 13:30.

Wang, Z., M.L Batze, and A.M Nur. 1990. *Effect of Different Pore Fluids on Seismic Velocities in Rock*, Can. J. Explore. Geophysiscs., Vol.26 No 5. 1 & 2, P 104-112.

Widiyantoro, S., 2008. *Seismisitas dan Model Subduksi di Indonesia Resolusi Tinggi*, Seminar dan Pameran HAKI 2008: Pengaruh Gempa dan Angin Terhadap Strukur.

Zandomeneghi, D. 2007. *Passive and Active Seismic Tomography of Volcano san Miguel (Portugal) and Deception (Antartica)*, Disertasi Doktor, University of Granada, Granada.