

## DAFTAR PUSTAKA

- Atkinson, G.M. dan Boore, D.M., 2003, Empirical Ground-Motion Relations For Subduction-Zone Earthquakes and Their Application to Cascadia and Other Regions, *Bulletin of the Seismological Society of America*, Vol. 93, No. 4, pp 1703-1729
- BMKG, 2015, Katalog Gempabumi Signifikan dan Merusak. Badan Meteorologi Klimatologi dan Geofisika, Jakarta.
- BNPB, 2012, Peraturan Kepala BNPB Nomor 02 Tahun 2012 Tentang Pedoman Umum Pengkajian Risiko Bencana, Jakarta.
- Boore, D.M. dan Atkinson, G.M., 2008, Groundmotion prediction equations for the average horizontal component of PGA, PGV, and 5%-damped PSA at spectral periods between 0.01 s and 10.0, Vol. 24, No. 1.
- BSN, 2012, Tata Cara Perencanaan Ketahanan Gempabumi untuk Struktur Bangunan Gedung dan Non-Gedung (SNI 1726-2012), Jakarta.
- Chiou, B. dan Youngs, R., 2008, A NGA model for the average horizontal component of peak ground motion and response spectra: *Earthquake Spectra*, Vol. 24, No. 1.
- Elnashai, S.A. dan Sarno, D.L., 2008, Fundamental of Earthquake Engineering, Wiley, Hongkong.
- Fauzi, 2001, Aplikasi Peta Bencana Alam di Indonesia, *Peluncuran Peta Indonesia dan Seminar Sehari: Earthquake, Apridictable Event 2001*.
- Fidia, R., Pujiastuti, D., Sabarani, A.Z., 2018, Korelasi Tingkat Seismisitas dan Periode Ulang Gempa Bumi di Kepulauan Mentawai dengan Menggunakan Metode Guttenberg-Richter, *Jurnal Fisika Unand*, Vol. 7, No. 1.
- Hutapea, B.M. dan Mangape, I., 2009, Analisis Hazard Gempa dan Usulan Ground Motion pada Batuan Dasar untuk Kota Jakarta, *Jurnal Teknik Sipil*, Vol. 16, No. 3.
- Irsyam, M., Asrurifak, M., Budiono, B., Triyoso, W., dan Hendriyawan, 2010, Development Of Spectral Hazard For Indonesia With A Return Periode 2500 Years Using Probabilistic Methode, *Civil Enginering Dimension*, Vol: 12, Pages: 52-62, ISSN: 1410-9530.
- Irsyam, M., Sengara, W., Aldiamar, F., Widiyantoro, S., Triyoso, W., Hilman, D.,

Kertapati,E., Meilano,I., Suhardjono, Asrurifak,M., Ridwan,M., Ringkasan Hasil Studi Tim Revisi Peta Gempa Indonesia 2010, Bandung.

Kulhanek, O., 2005, Seminar On b-value, Dept. of Geophysics, Charles University, Prague.

McGuire, R.K., 1995, Probabilistic Seismik Hazard Analysis And Design Earthquakes: Closing The Loop, Bulletin *The Seismological Society of America*, Vol: 85(5), pages: 1275-1284.

Nguyen N., J. Griffin, A. Cipta, and P.R. Cummins. 2015. Indonesia's Historical Earthquake: Modelled Examples for Improving the National Hazard Map. Geoscience Australia. *Australian Government*. p. 79.

Pusat Studi Gempa Nasional, 2010, Ringkasan Hasil Studi Tim Revisi Peta Gempa Indonesia, Bandung.

Pusat Studi Gempa Nasional, 2017, Peta Sumber dan Bahaya Gempa (2017), Badan Penelitian dan Pengembangan Kementerian PUPR, ISBN: 978-602-5489-01-3.

Rydelek, P.A., dan Sacks, I. (1989) 'Testing the Completeness of Earthquake catalogues and the hypothesis of self-similarity', *Nature*, 337.

Sadly, M. (2019) *Katalog Gempabumi Signifikan dan Merusak*. Edited by T. Prasetya. BMKG.

Santoso, E., Widianoro, S., Sukanta, I.N., 2011, Studi *Hazard* Seismik dan Hubungannya dengan Intensitas Seismik di Pulau Sumatera dan Sekitarnya, *Jurnal Meteorologi dan Geofisika*, Vol. 15, No.2, Hal:129-136.

Sieh, K. dan Natawidjaja, D.H, 2000, Neotectonicosf the Sumatran Fault, Indonesia, *Journal of Geophysical Reseach*, Vol. 105, No. B12, Pages: 28,295- 28,326.

Sieh, K. dan Natawidjaja, D.H, 2007, Interseismic Deformation above the Sunda Megathrust recorder in Coral Microatolls of the Mentawai Islands, West Sumatran, *Journal of Geophysical Reseach*, Vol. 112.

Sokolov, V. dan A. Ismail-Zadeh. 2015. Seismic hazard from instrumentally recorded, historical and simulated earthquakes: application to the Tibet-Himalayan region. *Tectonophysics*, 657: 187-204

Sunarjo, Gunawan, M.T., dan Pribadi, S., 2012, *Gempa Bumi: Edisi Populer*, BMKG, Jakarta.

- Syafriana, D., Pujiastuti, D., Sabarani, A.Z., 2015, Estimasi Nilai Percepatan Tanah Maksimum di Sumatera Barat Berdasarkan Skenario Gempa Bumi di Wilayah Siberut Menggunakan Rumusan Si dan Midorikawa (1999), *Jurnal Fisika Unand*, Vol. 4, No. 4.
- Wald, D.J. *et al.* (1999) 'Relationships between peak ground acceleration, peak ground velocity, and modified mercalli intensity in California', *Earthquake Spectra*, pp. 557–564. Available at: <https://doi.org/10.1193/1.1586058>.
- Wang Z., E.W. Woolery, B. Shi, and J.D. Kiefer. 2003. Communicating with uncertainty: A critical issue with probabilistic seismic hazard analysis. *Eos.*, 84: 501-508.
- Wang, Z. 2012. Comment on “PSHA validated by quasi observational means” by R.M.W. Musson. *Seismological Research Letters*, 83: 714-716.
- Youngs, R.R., Chiou, S.J., Silva, W.J., dan Humphrey, J.R., 1997, Strong ground motion attenuation relationships for subduction zone earthquakes. *Seismol.Res, Lett.* 68, 58–73.
- Yulianto, F. 2014. Analisis risiko aliran piroklastik gunungapi merapi pasca erupsi 2010 menggunakan data penginderaan jauh dan sistem informasi geografis [Tesis]. IPB. Bogor.
- Xiong, H., Hong, J.-S., Tan, M.-T., Li, B., 2013, Compact microstrip antenna with metamaterial for wideband applications. *Turk. J. Electr. Eng. & Comput. Sci.*, Vol. 21, hal. 2233–2238.
- Zhao J.X., Irikura, K., Zhang, J., dan Fukushima, Y., 2006, Attenuation Relations of Strong Motion in Japan using site classification based on predominant period, *Bull. Seismol. Soc. Am.*, 96, 898.

