

DAFTAR PUSTAKA

- [BMKG] Badan Meteorologi Klimatologi dan Geofisika. *Gempabumi - Skala MMI (Modified Mercalli Intensity)*. Jakarta. <https://www.bmkg.go.id/gempabumi/skala-mmi.bmkg> [16 Jul 2019]
- [BMKG] Badan Meteorologi Klimatologi dan Geofisika. 2018. *Katalog Gempabumi Sigifikan dan Merusak 1821-2017 Per Tahun*. Jakarta. Pusat Gempabumi dan Tsunami BMKG.
- [GEM] Global Earthquake Model. 2019. *The OpenQuake-engine User Manual for Engine version 3.4.0*. Pavia, Italia. [10.13117/GEM.OPENQUAKE.MAN.ENGINE.3.4.0](https://www.gem-engine.org/OPENQUAKE.MAN.ENGINE.3.4.0). 189 page.
- [Global CMT] [Global Centeroid Moment Tensor](https://www.globalcmt.org/CMTsearch.html). *Global CMT Catalog Search*. New York. Columbia University. <https://www.globalcmt.org/CMTsearch.html>.
- [UPI] Universitas Pendidikan Indonesia. 2010. *Bersahabat dengan Bencana : Lempengan tektonik Indonesia*. Bandung. Pusat Pendidikan Mitigasi Bencana (P2MB), Universitas Pendidikan Indonesia. <http://p2mb.geografi.upi.edu> [4 Mei 2019].
- [USGS] U. S. Geological Surveys. *Earthquake Hazard Program*. Virginia. Sunrise Valley Drive Reston. <https://earthquake.usgs.gov/earthquakes/eventpage/usp0000qjy/focal-mechanism> [19 Mei 2019]
- [USGS] U. S. Geological Surveys. *Earthquake Hazard Program*. Virginia. Sunrise Valley Drive Reston. <https://earthquake.usgs.gov/earthquakes/eventpage/usp0002km5/focal-mechanism> [19 Mei 2019]
- [USGS] U. S. Geological Surveys. *Search Earthquake Catalog*. Virginia. Sunrise Valley Drive Reston. <https://earthquake.usgs.gov/earthquakes/search/>.
- Albini, P., R. M. W. Musson, A. A. Gomez Capera, M. Locati, A. Rovida, M. Stucchi, dan D. Viganò. 2013. *Global Historical Earthquake Archive and Catalogue (1000-1903)*. Pavia, Italia.
- Ancheta, T. D., R. B. Darragh, J. P. Stewart, E. Seyhan, W. J. Silva, B. S. J. Chiou, K. E. Woodwell, R. W. Graves, A. R. Kottle, D. M. Boore, T. Kishida, dan J. L. Donahue. 2014. *NGA-West2 database*. Oakland, California. [EERI] Earthquake Engineering Research Institute. *Earthquake Spectra*, 30(3):989-1005. <https://doi.org/10.1193/070913EQ197M>.
- Asparini, Dewi. 2011. *Penerapan Metode Stacking Dalam Pemrosesan Sinyal Seismik Laut Di Perairan Barat Aceh* [skripsi]. Bogor: Departemen Ilmu dan Teknologi Kelautan,

Fakultas Perikanan dan Ilmu Kelautan, Institut Pertanian Bogor.

- Asrurifak, M. 2017. *Peta Gempa Indonesia 2017 dan Aplikasinya untuk Perencanaan Gedung dan Infrastruktur Tahan Gempa*. Di dalam: Workshop Risiko Bencana Gempa Kota Surabaya & Jawa Timur ITS Surabaya, 19 Oktober 2017. Institut Teknologi Surabaya. Surabaya.
- Atkinson, G. M. dan D. M. Boore. 2003. *Empirical Ground-Motion Relation for Subduction Zone Earthquakes and Their Application to Cascadia and Other Regions*. Albany, California. Seismological Society of America. Bulletin of the Seismological Society of American, 93 (4) : 1703-1729. <https://doi.org/10.1785/0120020156>.
- Babayev, G., A. Ismail-Zadeh, dan J. L. Mouel. 2010. *Scenario-based Earthquake Hazard and Risk Assessment for Baku (Azerbaijan)*. Jerman. Natural Hazards and Earth System Sciences. www.nat-hazards-earth-syst-sci.net/10/2697/2010/doi:10.5194/nhess-10-2697-20.
- Bappeda Kabupaten Bekasi. 2012. *Kabupaten Bekasi Dalam Angka 2012 : Bekasi in Figure 2012*. Bekasi.
- Bemmelen, R. W. Van. 1948. *The Geology of Indonesia Vol. I A : General Geology of Indonesia and Adjacent Archipelagoes Netherlands Indies*. Batavia. Geological Survey, and Head of The Netherlands Indies Vulcanological Survey.
- Bjerrum, L. W. dan K. Atakan. 2018. *Scenario Based Ground Motion Simulations for Assessing the Seismic Hazard in İzmir, Turkey*. Di dalam: The 14th World Conference on Earthquake Engineering. Beijing, China.
- Boore, D. M. dan G. M. Atkinson. *Ground-motion Prediction Equations for the Average Horizontal Component of PGA, PGV, and 5%-damped PSA at spectral periods between 0,1s and 10,0s*. 2008. Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra, 24(1):99-138. <https://doi.org/10.1193/1.2830434>.
- Boore, D. M., J. P. Stewart, E. Seyhan, dan G. M. Atkinson. 2013. *NGA-West 2 Equations for Predicting PGA, PGV, and 5%-Damped PSA for Shallow Crustal Earthquakes*. Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra. <https://doi.org/10.1193/070113EQS184M>.
- Campbell, K. W. dan Y. Bozorgnia. 2008b. *NGA Ground Motion for the Geometric Mean Horizontal Component of PGA, PGV, PGD, and 5% Damped Linear Elastic Response Spectra for Periods Ranging from 0,01 to 10s*. Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra.

- <https://doi.org/10.1193/062913EQS175M>.
- Campbell, K. W. dan Y. Bozorgnia. 2013. *NGA-West2 Campbell-Bozorgnia Ground Motion Model for the horizontal Components of PGA, PGV and 5%-Damped Elastic Pseudo-Acceleration Response Spectra for Periods Ranging from 0.01 to 10 sec.* University of California, Berkeley, California. Pacific Earthquake Engineering Research Center. PEER Report 2013/6, pp.xii+75. <https://doi.org/10.4231/D3MS3K235>.
- Chiou, B. S. J. dan R. R. Youngs. 2008. *An NGA Model for the Average Horizontal Component of Peak Ground Motion and Response Spectra.* Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra, Vol. 24, No. 1, pp. 173-215. <https://doi.org/10.1193/1.2894832>.
- Chiou, B. S. J. dan R. R. Youngs. 2014. *Update of the Chiou and Youngs NGA Model for the Average Horizontal Component of Peak Ground Motion and Response Spectra.* Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra, 30 (3). 2014. 1117-1153. <https://doi.org/10.1193/072813EQS219M>.
- Crouse, C. B. 1991. *Ground Motion Attenuation Equation for Earthquakes on the Cascadia Subduction Zones.* Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra, Vol. 7, No. 2, pp. 201-236. <https://doi.org/10.1193/1.1585626>.
- Donahue, J. L. Dan N. A. Abrahamson. 2014. *Simulation-Based Hanging Wall Effects.* Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra. Vol. 30, No. 3, pp. 1269-1284. <https://doi.org/10.1193/071113EQS200M>.
- Gardner, J.K., dan L. Knopoff. 1974. *Is The Sequence of Earthquake in Southern California, With Aftershocks Removed.* Albany, California. Seismological Society of America. Bulletin of Seismological Society of America, 64, 1363-1367.
- Irsyam, Masyhur. 2010. *Ringkasan Hasil Studi Tim Revisi Peta Gempa Bumi Indonesia 2010.* Bandung. Tim Revisi Peta Gempa Bumi Indonesia.
- Irwansyah, E. dan Edi Winarko. 2012. *Zonasi Daerah Bahaya Kegempaan dengan Pendekatan Peak Ground Acceleration (PGA).* Di dalam: Seminar Nasional Informatika 2012 (semnasIF 2012 UPN "Veteran" Yogyakarta, 30 Juni 2012). Yogyakarta. UPN. ISSN: 1979-2328.
- Julius, A. M. dan B. Sunardi. 2016. *Earthquake Response of Storey Building in Jakarta Using Accelerographs Data Analysis.* AIP Conference Proceedings 1658, 040001. <https://doi.org/10.1063/1.4915034>.

- Koulali, A., S. McClusky, S. Susilo, Y. Leonard, P. Cummins, P. Tregoning, I. Meilano, J. Efendi, dan A. B. Wijanarto. 2017. *The Kinematics of Crustal Deformation in Java from GPS Observations: Implications for Fault Slip Partitioning*. Earth and Planetary Science Letters Volume 458. <https://doi.org/10.1016/j.epsl.2016.10.039>.
- Musson, R. M. W. 2012. *A Provisional Catalogue of Historical Earthquakes in Indonesia*. Keyworth, Nottinghamshire, Inggris. British Geological Survey.
- Nandi. 2006. *Handouts Geologi Lingkungan (GG405) - Gempa Bumi*. Bandung. Jurusan Pendidikan Geografi, Fakultas Pendidikan Ilmu Pengetahuan Sosial, Universitas Pendidikan Indonesia.
- Nguyen, N., A. Cipta, P. Cummins, dan J. Griffin. 2015. *Indonesia's Historical Earthquakes: Modelled Examples for Improving the National Hazard Map*. Canberra, Australia. Canberra Geoscience Australia.
- Noor, Djauhari. 2009. *Pengantar Geologi*. CV. Bogor. Graha Ilmu.
- Priyono, A. 2006. *Metode Seismik I*. Bandung. Departemen Teknik Geofisika, Institut Teknologi Bandung.
- Rivki. 2016. *Gempa Bekasi Sempat Bikin Heboh Medsos, Ini Penjelasan BMKG*. detikNews, Detik. <https://news.detik.com/berita/d-3355100/gempa-bekasi-semapat-bikin-heboh-medsos-ini-penjelasan-bmkg>. [19 Jun 2019]
- Reiche, M. T. 1859. *Berigten over Aardbeving en Berguitbarstingen Vermeld in de Javasche Couranten van 1831 tot 1840*. Natuurkundig Tijdschrift Voor Nederlandsch Indië. Batavia. 18, 245–282.
- Setiabudhi, Dudy. 2010. *Buku Putih Sanitasi, Kota Bekasi, AMPL*. Bekasi. Tim Pokja Sanitasi Kota Bekasi.
- Seyhan, E. dan J. P. Stewart. *Semi-empirical Nonlinear Site Amplification from NGA West2data and Simulations*. Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra, 30(3):1241-1256. <https://doi.org/10.1193/063013EQS181M>.
- Siswawidjono, S. 1996. *Aktivitas Vulkanik dengan Letusan Gunungapi*. Bandung. Pusat Vulkanologi dan Mitigasi Bencana Geologi.
- Slejko, D. dan A. Rebez. 2002. *Probabilistic Seismic Hazard Assessment and Deterministic Ground Shaking Scenarios for Vittorio Veneto (N.E. Italy)*. Trieste, Italia. Istituto Nazionale di Oceanografia e di Geofisica Sperimentale. Bollettino di Geofisica Teorica ed Applicata Vol. 43, n. 3-4, pp. 263-280; Sep.-Dec. 2002.
- Subardjo. 2001. *Intensitas Seismik Maksimum dan Percepatan Tanah untuk Beberapa Kota*

- di Indonesia*. DKI Jakarta. [BMG] Badan Meteorologi dan Geofisika. Jurnal Badan Meteorologi dan Geofisika, Vol. 2 No. 3.
- Sunarjo, M. Taufik Gunawan, dan Sugeng Pribadi. 2012. *Gempabumi Edisi Populer*. Jakarta. BMKG.
- Tim Pusat Studi Gempa Nasional. 2017. *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017*. Bandung. Pusat Penelitian dan Pengembangan Perumahan dan Permukiman, Badan Penelitian dan Pengembangan, Kemen PUPR. ISBN 978-602-5849-01-3.
- Trifunac, M. D. dan A. G. Brady. 1975. *On the correlation of Seismic Intensity Scales with the Peaks of Recorded Ground Motion*. Albany, California. Seismological Society of America. Bulletin Seismological Society of America, Vol. 65, No.1, pp. 139-162.
- Wald, D. J., T. H. Heaton, H. Kanamori, P. Maechling, and V. Quitoriano. 1999. *Research and Development of TriNet Shake Maps*. Oakland, California. [EERI] Earthquake Engineering Research Institute. Earthquake Spectra 15.
- Wald, D. J., V. Quitoriano, T. H. Heaton, and H. Kanamori. 1999. *Relationships between Peak Ground Acceleration, Peak Ground Velocity, and Modified Mercalli Intensity in California*. Oakland, California. EERI 15, pp. 557-564.
- Waluyo. 1992. *Seismotectonics of Eastern Indonesian Region* [thesis]. USA: Saint Louis University.
- Wells, D. L. dan K. J. Coppersmith. *New Empirical Relationships Among Magnitude, Rupture Length, Rupture Width, Rupture Area, and Surface Displacement*. Albany, California. Seismological Society of America. Bulletin of the Seismological Society of American, Vol. 84, No. 4, pp. 974-1002.
- Wichmann, A. 1918. *Die Erdbeben des Indischen Archipels bis zum Jahre 1857*. Amsterdam. Verhandelingen Der Koninklijke Akademie van Wetenschappen Te Amsterdam, 20, 193.
- Wichmann, A. 1922. *Die Erdbeben Indischen Archipels von 1858 bis 1877*. Amsterdam. Verhandelingen Der Koninklijke Akademie van Wetenschappen Te Amsterdam, 22, 209.
- Yagi, Y. 2007. *Source Mechanism*. Jepang. [IISSE] International Institute of Seismology and Earthquake Engine.
- Youngs, R. R., S. J. Chiou, W. J. Silva, dan J. R. Humphrey. 1997. *Strong Ground Motion Attenuation Relationships for Subduction Zone Earthquakes*. Albany, California. Seismological Society of America. Seimological Research Letters, 68(1), pp. 58-73. <https://doi.org/10.1785/gssrl.68.1.58>.