

## DAFTAR PUSTAKA

- Aranguiz, R., Urra, L., Okuwaki, R., & Yagi, Y. (2018). Development and application of tsunami fragility curve of the 2015 tsunami in Coquimbo, Chile. *Natural Hazards and Earth System Sciences*. <https://doi.org/10.5194/nhess-18-2143-2018>.
- Applied Technology Council 40-ATC 40 (1996). *Seismic evaluation and retrofit of concrete buildings*. Vol. 1 California.
- Arifudin, Anggit Mas (2018). *Site Characteristics and Seismic Vulnerability at Klaten District with The Horizontal to Vertical Spectral Ratio (HVSР) Method from Microtremor Data*. Tesis Manajemen Rekayasa Kegempaan, Magister Teknik Sipil, Universitas Islam Indonesia.
- Badan Standarisasi Nasional. (2019). Tata cara perencanaan ketahanan gempa untuk struktur bangunan gedung SNI 1726. Jakarta: BSN.
- Badan Standarisasi Nasional. (2020). Beban desain minimum dan kriteria terkait untuk bangunan gedung dan struktur lain SNI 1726. Jakarta: BSN.
- By Baylon, Michael B. & Marcos, Ma. Cecilia M (2018). Seismic vulnerability assesment of Adamson University buildings as built using fragility cuves. *Global Journal of Researchers in Engineering (E)* Vol 18 Issue 1 Version 1.0 Year 2018.
- Billah, A. H. M. M., & Alam, M., S. (2014). Seismic fragility assessment of highway bridges: a state-of-the-art review. *Structure and Infrastructure Engineering*: Taylor & Francis Group. doi: 10.1080/15732479.2014.912243.
- FEMA (Federal Emergency Management Agency): *Guidelines for Design of Structures for Vertical Evacuation from Tsunamis* (FEMA P-646 second ed). Federal Emergency Management Agency, Washington, D. C., ,Vol. 22, No. 1, 2000 pp25-43.
- HAZUS. (2002). *Earthquake Loss Estimation Methodology*. Washington, D. C.: Federal Emergency Management Agency.
- Kompas.com. 18 Provinsi Rawan Tsunami di Indonesia (13 Oktober 2018, 09:47 WIB).<https://regional.kompas.com/read/2018/10/13/09473941/18-provinsi-rawan-tsunami-di-indonesia-telah-dipasangi-sirene> (terakhir diakses pada tanggal 26 April 2021).
- Mackie, Kevin R., & Stojadinovic, Bozidar. *Fragility Basis for California Highway Overpass Bridge Seismic Decision Making* (2005). PEER. California
- Mastroberti, M., & Vona, M. (2016). A critical review of fragility curves for existing buildings. *VII European Congress on Computational Methods in Applied Sciences and Engineering*.
- Muhammad, A., Goda, K., Alexander, N. A., Kongko, W., & Muhari, A. (2017). Tsunami evacuation plans for future megathrust earthquakes in Padang, Indonesia, considering stochastic earthquake scenarios. *Natural Hazards and Earth System Sciences*, 17, 2245-2270. <https://doi.org/10.5194/nhess-17-2245-2017>.
- Muhammad, A., Goda, K., & Alexander, N. (2016). Tsunami hazard analysis of future megathrust Sumatra earthquakes in Padang, Indonesia using

- stochastic tsunami simulation. *Frontier in Built Environment*. doi: 10.3389/fbuil/2016.00033.
- Natawidjaja, D. H., Sieh, K., Chlieh, M., Galetzka, J., Suwargadi, B. W., Cheng, H., dkk. (2006). Source parameters of the great Sumatran megathrust earthquakes of 1797 and 1833 inferred from coral microatolls. *Journal of Geophysical Research Atmospheres* 111 B06403. doi: 10.1029/2005JB004025.
- Nouri, G., Ghayamghamian, M., & Shirazian, S. (2011). Developing Of Fragility Curve For Two-Span Simply Supported Concrete Bridge In Nearfault Area. *World Academy Of Science, Engineering And Technology International Journal Of Civil And Environmental Engineering*.
- Paulay, T., dan Preisly, M. J. N, 1992, Seismic Design of Reinforced Concrete And Masonry Bulding, *John Wiley and Sons, Inc., New York*.
- Peraturan Pembebaan Indonesia Untuk gedung. (1983). Cetakan Kedua, Direktorat Penyelidikan Masalah Bangunan; Bandung.
- Porter, K. (2020). *A Begginer's Guide to Fragility Vulnerability, and Risk*. University of Colorado Boulder and SPA Risk LLC, Denver CO USA.
- R. Park, & T. Pauly. (1975). *Reinforced Concrete Stucture*. United States.
- Schodek, Daniel L., 1998, Struktur, cetakan ketiga, *Penerbit PT. Refika Aditama, Bandung*.
- Sieh, K., & Natawidjaja, D. H. (2000). Neotectonics of the Sumatran fault. Indonesia. *Journal of Geophysical Research Atmospheres*. 105(28):28 295- 28 326.
- Silitonga, D. R., & Imran, I. (2019). Penilaian kerentanan seismik pada jembatan box girder beton prategang menerus bentang majemuk eksisting melalui pengembangan kurva fragilitas analitik. *Jurnal Teknik Sipil ITB*, ISSN 0853-2982, doi: 10.5614/jts.2019.26.1.7.
- Sunaryati J., Kurniawan R., Putra E.S., (2009), Pengaruh Eksentrисitas Pusat Massa Bangunan Beton Bertulang Terhadap Stabilitas Struktur Yang Mengalami Beban Gempa. *Jurnal Rekayasa Sipil Volume 5 No. 1, ISSN :1858-2133*
- Subranto. (2007). *Analisis Struktur Beton Bertulang Dengan Pendekatan Smeared Crack Dan Smeared Element Menggunakan Metoda Elemen Hingga*. Semarang: Universitas Diponegoro.
- Uniform Building Code (1997). Chap 16 Div. VI636.2.6
- Wight dan Macgregor (2012), Reinforced Concrete Mechanic & Design. Sixth Edition Pearson Education, Inc., Upper Saddle River, New Jersey 07458
- Zalukhu, L. H., Anif, B., & Khadavi (2018). Evaluasi struktur berbasis kinerja terhadap beban gempa dengan analisa pushover (Studi kasus Rumah Sakit Ibu dan Anak Budhi Mulia, Pekanbaru). *ejournal.bunghatta.ac.id*.