

## REFERENCES

- Babrainy, H. (1998). Urban planning and design in a seismic-prone region (The case of Rasht in Northern Iran). *Journal of Urban Planning and Development*, 124, 148–81.
- Banba, M. (2017). Land use management and risk communication. In M. Banba & R. Shaw (Eds.), *Land use management in disaster risk reduction practice and cases from a global perspective*. (1st ed., pp. 13–17), Tokyo, Japan: Springer.
- Coaffee, J., & Lee, P. (2016). *Urban resilience planning for risk, crisis, and uncertainty*. Hampshire, UK: Palgrave.
- Cova, T. J., & Church, R. L. (1997). Modeling community evacuation vulnerability using GIS. *International Journal of Geographical Information Science*, 11(8), 763–784. <https://doi.org/10.1080/136588197242077>
- Cunfer, G., & DeWitt, J. (n.d). ArcGIS Lesson 5: Overlay and Spatial Analysis. Retrieved from <https://geospatialhistorian.wordpress.com/lessons/arcgis-lesson-5-overlay-analysis/>
- Cutter, S. L. (1996). Vulnerability to hazards. *Progress in Human Geography*, 20(4), 529–539. <https://doi.org/10.1177/030913259602000407>
- Dewi Handayani UN, Soelistijadi, R., & Sunardi. (2005). Pemanfaatan Analisis Spasial untuk Pengolahan Data Spasial Sistem Informasi Geografi. Studi Kasus Kabupaten Pematang. *Jurnal Teknologi Informasi Dinamik*, 10(2), 108–16.
- Di Mauro, M., Megawati, K., Cedillos, V., & Tucker, B. (2013). Tsunami risk reduction for densely populated Southeast Asian cities: Analysis of vehicular and pedestrian evacuation for the city of Padang, Indonesia, and assessment of interventions. *Natural Hazards*, 68(2), 373–404. <https://doi.org/10.1007/s11069-013-0632-z>
- Esri. (2010). Overlay analysis. ArcGIS resource center desktop 10. Retrieved from <http://help.arcgis.com/en/arcgisdesktop/10.0/help/index.html#//002s000000070000000.htm>
- GTZ-IS, & GITEWS. (2010). Guidebook Planning For Tsunami. Indonesia document, 80 pages, Jakarta, Indonesia.
- Imamura, F., Muhari, A., Mas, E., Pradono, M. H., Post, J., & Sugimoto, M. (2012). Tsunami disaster mitigation by integrating comprehensive countermeasures in Padang city, Indonesia. *Journal of Disaster Research*, 7(1), 48–64. <https://doi.org/10.20965/jdr.2012.p0048>
- Koshimura, S., Hayashi, S., & Gokon, H. (2014). The impact of the 2011 Tohoku

earthquake-tsunami disaster and implications for the reconstruction. *Soils and Foundations*, 54(4), 560–572.

<https://doi.org/10.1016/j.sandf.2014.06.002>

- Parmenter, B. (2007). Spatial Analysis Tip Sheet – Spatial Joins and Overlays, Density, and Proximity Analysis Requirements for spatial analysis in GIS. *Course Notes-Tufts Univ.*, 1–6.
- Ramroth, William G. (2007). *Planning for disaster how natural and manmade disasters shape the built environment*. New York, NY: Kaplan.
- Shaw, R., & Banba, M. (2017). Land use management in disaster risk reduction: An overview. In M. Banba, and R. Shaw (Eds.), *Land use management in disaster risk reduction practice and cases from a global perspective*. (1st ed., pp. 3–12), Tokyo, Japan: Springer.
- Suganuma, Unryu. (2016). Historical Geography of the Japanese Tsunami. In U. Suganuma. & P. Karan (Eds.), *Japan after 3/11: Global Perspectives on the Earthquake, Tsunami, and Fukushima Meltdown* (pp. 45–73). Lexington, Kentucky: University Press of Kentucky.
- Taylor, P., & Goodchild, M. F. (2007). A spatial analytical perspective on geographical information systems. *International journal of geographical information systems*, 37–41. <https://doi.org/10.1080/02693798708927820>
- The Japan Times. (2018). "Using technology to lessen disaster risk" / *The Japan Times*. [online] Available at <https://www.japantimes.co.jp/news/2015/03/14/national/using-technology-lessen-disaster-risk/2>
- Umitsu, M. (2016). Tsunami flow and geo-environment of the Pacific coast region of Tohoku. In P. Karan, Pradymna., & U. Suganuma, (Eds.), *Japan after 3/11 global perspectives on the earthquake, tsunami, and Fukushima meltdown*. (1st ed., pp 104–20). Lexington, Kentucky: University Press of Kentucky.
- UNISDR. (2015). Sendai Framework for Disaster Risk Reduction 2015–2030. *Third World Conference on Disaster Risk Reduction, Sendai, Japan, 14-18 March 2015.*, (March), 1–25. <https://doi.org/A/CONF.224/CRP.1>
- Wu, Y. (2012). Urban spatial system planning of disaster prevention and refuge. *Advanced Materials Research*, 450–51, 1061–64. <https://doi.org/10.4028/www.scientific.net/AMR.450-451.1061>
- Zapata-Marti, R. (1997). Methodological approaches: The ECLAC methodology. In Center for the Research on the Epidemiology of Disasters (CRED), *Assessment of the economic impact of natural and man-made disasters. Proceedings of the expert consultation on methodologies*, Brussels, 29–30 September, Universite Catholique de Louvain, Belgium, 10–1