

## References

- Abdeen, F., Fernando, T., Kulatunga, U., Hettige, S., & Ranasinghe, K. A. (2021). Challenges in multi-agency collaboration in disaster management: A Sri Lankan perspective. *International Journal of Disaster Risk Reduction*, 62, 102399. <https://doi.org/10.1016/j.ijdr.2021.102399>
- Ahsan, M. M. (2020). Strategic decisions on urban built environment to pandemics in Turkey: Lessons from COVID-19. *Journal of Urban Management*, 9(3), 281–285. <https://doi.org/10.1016/j.jum.2020.07.001>
- Anwar, H. Z., Yustiningrum, E., Andriana, N., Kusumawardhani, D. T. P., Sagala, S., & Mayang Sari, A. (2017). Measuring Community Resilience to Natural Hazards: Case Study of Yogyakarta Province. *Disaster Risk Reduction in Indonesia*, 609–633. [https://doi.org/10.1007/978-3-319-54466-3\\_25](https://doi.org/10.1007/978-3-319-54466-3_25)
- Artiningsih, Setyono, J. S., & Yuniartanti, R. K. (2016). The Challenges of Disaster Governance in an Indonesian Multi-hazards City: A Case of Semarang, Central Java. *Procedia - Social and Behavioral Sciences*, 227, 347–353. <https://doi.org/10.1016/j.sbspro.2016.06.081>
- Asprone, D., & Manfredi, G. (2014). Linking disaster resilience and urban sustainability: a global approach for future cities. *Disasters*, 39(s1), s96–s111. <https://doi.org/10.1111/disa.12106>
- Ba, R., Deng, Q., Liu, Y., Yang, R., & Zhang, H. (2021). Multi-hazard Disaster Scenario Method and Emergency Management for Urban Resilience by Integrating Experiment–Simulation–Field Data. *Journal of Safety Science and Resilience*. Published. <https://doi.org/10.1016/j.jnlssr.2021.05.002>
- Bachtiar, H., Novico, F., & Riandini, F. (2013). IDENTIFIKASI LEVEL KERENTANAN PROVINSI BALI DENGAN METODE PAIRWISE COMPARISON. *Jurnal Sumber Daya Air*, 1–12. <http://journalsda.pusair-pu.go.id/index.php/JSDA/article/download/359/258>
- BAPPEDA Kota Denpasar. (n.d.). *Tuppoksi Bappeda*. <https://bappeda.denpasarkota.go.id/page/read/173>
- BMKG. (n.d.). *Apa itu gempa?* BMKG Wilayah III. <http://balai3.denpasar.bmkg.go.id/tentang-gempa>
- Bozza, A., Asprone, D., & Manfredi, G. (2016). A methodological framework assessing disaster resilience of city ecosystems to enhance resource use efficiency. *International Journal of Urban Sustainable Development*, 9(2), 136–150. <https://doi.org/10.1080/19463138.2016.1244538>

- BPBD Kota Denpasar. (n.d.-a). *Mitigasi Bencana di Kota Denpasar* [Photo and Image].
- BPBD Kota Denpasar. (n.d.-b). *Peta Resiko Bencana di Kota Denpasar* [Map].
- BPBD Kota Denpasar. (n.d.-c). *Profil BPBD Kota Denpasar*. [https://penanggulanganbencana.denpasarkota.go.id/uploads/download/Brosur%20Profil%20BPBD%20Kota%20Denpasar%20\\_145397.PDF](https://penanggulanganbencana.denpasarkota.go.id/uploads/download/Brosur%20Profil%20BPBD%20Kota%20Denpasar%20_145397.PDF)
- BPS. (2019). *Kota Denpasar dalam Angka 2019*. <https://denpasarkota.bps.go.id/publication/2019/08/16/ebb76e2f00507e5e187b4337/kota-denpasar-dalam-angka-2019.html>
- BPS. (2020). *Kota Denpasar Dalam Angka 2020*. <https://denpasarkota.bps.go.id/publication/2020/04/27/3edb8279936f04132d831a2c/kota-denpasar-dalam-angka-2020.html>
- BPS. (2021). *Kota Denpasar Dalam Angka 2021*. <https://denpasarkota.bps.go.id/publication/2021/02/26/b93a65251e252b8a7b37e7ed/kota-denpasar-dalam-angka-2021.html>
- BSN. (2004). *Tata cara perencanaan lingkungan perumahan di perkotaan*. Badan Standarisasi Nasional.
- COZZANI, V., GUBINELLI, G., ANTONIONI, G., SPADONI, G., & ZANELLI, S. (2005). The assessment of risk caused by domino effect in quantitative area risk analysis. *Journal of Hazardous Materials*, 127(1–3), 14–30. <https://doi.org/10.1016/j.jhazmat.2005.07.003>
- Cutter, S. L., Barnes, L., Berry, M., Burton, C., Evans, E., Tate, E., & Webb, J. (2008). A place-based model for understanding community resilience to natural disasters. *Global Environmental Change*, 18(4), 598–606. <https://doi.org/10.1016/j.gloenvcha.2008.07.013>
- Davoudi, S., Brooks, E., & Mehmood, A. (2013). Evolutionary Resilience and Strategies for Climate Adaptation. *Planning Practice and Research*, 28(3), 307–322. <https://doi.org/10.1080/02697459.2013.787695>
- DeJonckheere, M., & Vaughn, L. M. (2019). Semistructured interviewing in primary care research: a balance of relationship and rigour. *Family Medicine and Community Health*, 7(2), e000057. <https://doi.org/10.1136/fmch-2018-000057>
- Denpasar Municipality, P. K. (2021). *covid19 - Denpasar Safe City*. Pemerintah Kota Denpasar. <https://safecity.denpasarkota.go.id/id/covid19>
- DINSOS Kota Denpasar. (n.d.). *Tugas Pokok dan Fungsi - Dinas Sosial Kota Denpasar*.

<https://sosial.denpasarkota.go.id/page/read/913#:~:text=Dalam%20melaksanakan%20tugas%20pokok%20tersebut,kepada%20masyarakat%20di%20bidang%20Sosial>

- DLHK Kota Denpasar. (n.d.). *Tugas Pokok dan Fungsi serta Struktur Organisasi DLHK*. <https://lh.denpasarkota.go.id/page/read/1368>
- Donner, W., & Rodriguez, H. (2011). *Disaster Risk and Vulnerability: The Role and Impact of Population and Society*. PRB. <https://www.prb.org/resources/disaster-risk/>
- DPUPR Kota Denpasar. (n.d.). *Tugas, Fungsi, dan Struktur Organisasi Perangkat Daerah Dinas PUPR*. <https://pu.denpasarkota.go.id/page/read/756>
- Elele, E. C., & Subanda, I. N. (2020). Residents Social Behavior in The Implementation of Denpasar City Waste Management Policy. *Jurnal Ilmiah Ilmu Administrasi Publik*, 10(1), 123. <https://doi.org/10.26858/jiap.v10i1.10990>
- Finzi, Y., Ganz, N., Limon, Y., & Langer, S. (2021). The next big earthquake may inflict a multi-hazard crisis – Insights from COVID-19, extreme weather and resilience in peripheral cities of Israel. *International Journal of Disaster Risk Reduction*, 61, 102365. <https://doi.org/10.1016/j.ijdr.2021.102365>
- Godschalk, D. R. (2003). Urban Hazard Mitigation: Creating Resilient Cities. *Natural Hazards Review*, 4(3), 136–143. [https://doi.org/10.1061/\(asce\)1527-6988\(2003\)4:3\(136\)](https://doi.org/10.1061/(asce)1527-6988(2003)4:3(136))
- Jabareen, Y. (2013). Planning the resilient city: Concepts and strategies for coping with climate change and environmental risk. *Cities*, 31, 220–229. <https://doi.org/10.1016/j.cities.2012.05.004>
- Jati, W. R. (2015). BONUS DEMOGRAFI SEBAGAI MESIN PERTUMBUHAN EKONOMI: JENDELA PELUANG ATAU JENDELA BENCANA DI INDONESIA? *Populasi*, 23(1), 1–19. <https://doi.org/10.22146/jp.8559>
- Joerin, J., & Shaw, R. (2011). Mapping Climate and Disaster Resilience in Cities. In *Community, Environment, and Disaster Risk Management* (Vol. 6, pp. 47–61). Emerald Group Publishing Limited.
- Joerin, J., Shaw, R., Takeuchi, Y., & Krishnamurthy, R. (2014). The adoption of a Climate Disaster Resilience Index in Chennai, India. *Disasters*, 38(3), 540–561. <https://doi.org/10.1111/disa.12058>
- Komendantova, N., Scolobig, A., Garcia-Aristizabal, A., Monfort, D., & Fleming, K. (2016). Multi-risk approach and urban resilience. *International Journal*

*of Disaster Resilience in the Built Environment*, 7(2), 114–132.  
<https://doi.org/10.1108/ijdrbe-03-2015-0013>

Kondo, T., & Lizarralde, G. (2021). Maladaptation, fragmentation, and other secondary effects of centralized post-disaster urban planning: The case of the 2011 “cascading” disaster in Japan. *International Journal of Disaster Risk Reduction*, 58, 102219. <https://doi.org/10.1016/j.ijdr.2021.102219>

Kristianto, F. (2020). *Ekonomi Bali Semester I-2020 “Terjun” Akibat Pandemi Covid-19*. Bisnis.Com.  
<https://bali.bisnis.com/read/20200805/538/1275290/ekonomi-bali-semester-i-2020-terjun-akibat-pandemi-covid-19>

Kusumasari, B., & Alam, Q. (2011). Bridging the gaps: the role of local government capability and the management of a natural disaster in Bantul, Indonesia. *Natural Hazards*, 60(2), 761–779.  
<https://doi.org/10.1007/s11069-011-0016-1>

Loeb, S., Dynarski, S., McFarland, D., Morris, P., Reardon, S., & Reber, S. (2017). *Descriptive analysis in education: A guide for researchers*. Washington, DC: U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance.

Mardiah, A. N. R., Lovett, J. C., & Evanty, N. (2017). Toward Integrated and Inclusive Disaster Risk Reduction in Indonesia: Review of Regulatory Frameworks and Institutional Networks. *Disaster Risk Reduction in Indonesia*, 57–84. [https://doi.org/10.1007/978-3-319-54466-3\\_3](https://doi.org/10.1007/978-3-319-54466-3_3)

McEntire, D. A., Fuller, C., Johnston, C. W., & Weber, R. (2002). A Comparison of Disaster Paradigms: The Search for a Holistic Policy Guide. *Public Administration Review*, 62(3), 267–281. <https://doi.org/10.1111/1540-6210.00178>

Medina-Cetina, Z., & Nadim, F. (2008). Stochastic design of an early warning system. *Georisk: Assessment and Management of Risk for Engineered Systems and Geohazards*, 2(4), 223–236.  
<https://doi.org/10.1080/17499510802086777>

Meerow, S., Newell, J. P., & Stults, M. (2016). Defining urban resilience: A review. *Landscape and Urban Planning*, 147, 38–49.  
<https://doi.org/10.1016/j.landurbplan.2015.11.011>

Megahed, N. A., & Ghoneim, E. M. (2020). Antivirus-built environment: Lessons learned from Covid-19 pandemic. *Sustainable Cities and Society*, 61, 102350. <https://doi.org/10.1016/j.scs.2020.102350>

- Mukhtar, R. (2018). Review of National Multi-Hazard Early Warning System Plan of Pakistan in context with Sendai Framework for Disaster Risk Reduction. *Procedia Engineering*, 212, 206–213. <https://doi.org/10.1016/j.proeng.2018.01.027>
- OECD. (2020). The impact of the coronavirus (COVID-19) crisis on development finance. <https://www.oecd.org/coronavirus/policy-responses/the-impact-of-the-coronavirus-covid-19-crisis-on-development-finance-9de00b3b/>
- Pemerintah Kota Denpasar. (2011). *Land-Use Planning of Denpasar Municipality 2011 - 2031*. <https://jdih.denpasarkota.go.id/produk-hukum/peraturan-perundang-undangan/perda/409>
- Pemerintah Kota Denpasar. (2016). *Medium-Term Development Plan of Denpasar Municipality 2016 - 2021*. <https://pdfcoffee.com/rpjmd-kota-denpasar-2016-2021pdf-pdf-free.html>
- Pemerintah Kota Denpasar. (2020). *Daftar Aplikasi Online di Kota Denpasar*. [http://covid19.denpasarkota.go.id/uploads/download/download\\_202303120323\\_DaftarAplikasiOnlineKotaDenpasar.pdf](http://covid19.denpasarkota.go.id/uploads/download/download_202303120323_DaftarAplikasiOnlineKotaDenpasar.pdf)
- Pemerintah Kota Denpasar. (2021). *Technocratic Medium-Term Development Plan of Denpasar Municipality 2021–2026*.
- Pemerintah Kota Denpasar. (2025). *Long-Term Development Plan of Denpasar Municipality 2005 - 2025*. <https://jdih.denpasarkota.go.id/produk-hukum/peraturan-perundang-undangan/perda/136>
- PERKIM Kota Denpasar. (n.d.). *Tugas Pokok dan Fungsi PERKIM*. <https://perkim.denpasarkota.go.id/page/read/1327>
- Perry, R. W. (2017). Defining Disaster: An Evolving Concept. *Handbook of Disaster Research*, 3–22. [https://doi.org/10.1007/978-3-319-63254-4\\_1](https://doi.org/10.1007/978-3-319-63254-4_1)
- Prajnawrdhi, T. A. (2011). *Urbanisation and sustainability A Study of Denpasar City Bali Indonesia*. <https://erepo.unud.ac.id/id/eprint/4243/>
- Rahayu, H., Haigh, R., & Amaratunga, D. (2018). Strategic challenges in development planning for Denpasar City and the coastal urban agglomeration of Sarbagita. *Procedia Engineering*, 212, 1347–1354. <https://doi.org/10.1016/j.proeng.2018.01.174>
- Rhismawati, N. L. (2021). *Program vaksinasi COVID di Bali capai 44,18 persen*. Antara News. <https://www.antaranews.com/berita/2193426/program-vaksinasi-covid-di-bali-capai-4418-persen>

- Rose, A. (2004). Defining and measuring economic resilience to disasters. *Disaster Prevention and Management: An International Journal*, 13(4), 307–314. <https://doi.org/10.1108/09653560410556528>
- Rose, A. (2011). Resilience and sustainability in the face of disasters. *Environmental Innovation and Societal Transitions*, 1(1), 96–100. <https://doi.org/10.1016/j.eist.2011.04.003>
- Shi, P., Lu, L., Wang, M., & Wang, J. (2014). Disaster system: Disaster cluster, disaster chain and disaster compound. *Journal of Natural Disasters*, 23(6), 1–12. <https://doi.org/10.13577/j.jnd.2014.0601>
- Soetiarso, A., Kuswiyanto, & Aruminingsih. (2014). Perencanaan Pembangunan Nasional berbasis pada Pengurangan Risiko Bencana. *Seminar Nasional Penguatan Ketangguhan Indonesia Melalui Pengurangan Risiko Bencana 2014*, 55–60.
- Suartika, G. A. M., Said, S. M., & Saputra, K. E. (2021). Numerical-Based Computerized Modelling for Tsunami: Initiating Planning for Natural Disaster of South Kota Denpasar-Bali. *International Journal on Advanced Science, Engineering and Information Technology*, 11(2), 474. <https://doi.org/10.18517/ijaseit.11.2.12600>
- Tong, P. (2021). Characteristics, dimensions and methods of current assessment for urban resilience to climate-related disasters: A systematic review of the literature. *International Journal of Disaster Risk Reduction*, 60, 102276. <https://doi.org/10.1016/j.ijdr.2021.102276>
- Twigg, J. (2007). *Characteristics of a Disaster-resilient Community*. DFID Disaster Risk Reduction Interagency Coordination Group.
- UNDRR. (2015). *Sendai Framework for Disaster Risk Reduction 2015–2030*. United Nations.
- UNDRR. (2019). *Global Assessment Report on Disaster Risk Reduction (GAR) 2019*. United Nations Office of Disaster Risk Reduction. [https://gar.undrr.org/sites/default/files/reports/2019-05/full\\_gar\\_report.pdf](https://gar.undrr.org/sites/default/files/reports/2019-05/full_gar_report.pdf)
- UNDRR. (2020). *Disaster*. United Nations Office for Disaster Risk Reduction. <https://www.undrr.org/terminology/disaster>
- UN-Habitat. (2016). *World Cities Report 2016: Urbanization and Development - Emerging Futures*. <https://unhabitat.org/world-cities-report>
- Wang, H., Qi, H., & Ran, B. (2021). Public–Private Collaboration Led by Private Organizations in Combating Crises: Evidence From China’s Fighting Against COVID-19. *Administration & Society*. <https://doi.org/10.1177/00953997211009890>

- Wang, J. (2021). Vision of China's future urban construction reform: In the perspective of comprehensive prevention and control for multi disasters. *Sustainable Cities and Society*, 64, 102511. <https://doi.org/10.1016/j.scs.2020.102511>
- Wang, J., He, Z., & Weng, W. (2020). A review of the research into the relations between hazards in multi-hazard risk analysis. *Natural Hazards*, 104(3), 2003–2026. <https://doi.org/10.1007/s11069-020-04259-3>