
7 REFERENCES

- [1] UNISDR, “Terminology on Disaster Risk Reduction,” 2009.
- [2] D. A. Wilhite, “Drought as a natural hazard: Concepts and definitions,” *Drought A Glob. Assess.*, pp. 3–18, 2000.
- [3] J. Birkmann, “Measuring vulnerability to promote disaster-resilient societies : Conceptual frameworks and definitions,” *Meas. Vulnerability to Nat. Hazards; Towar. Disaster Resilient Soc.*, vol. 01, pp. 9–54, 2006.
- [4] J. Weichselgartner, “Disaster mitigation : the concept of vulnerability revisited Article information : Disaster mitigation : the concept of vulnerability revisited,” *Disaster Prev. Manag.*, vol. 10, no. 2, pp. 85–95, 2005.
- [5] S.S.L.Hettiarachchi and K. K. K. D. Silva, “Important aspects of Vulnerability and Preparedness for Risk Management in coastal cities Case Study-Port City of Galle,” 2016.
- [6] S. T. A. Pickett, M. L. Cadenasso, and J. M. Grove, “Resilient cities: Meaning, models, and metaphor for integrating the ecological, socio-economic, and planning realms,” *Landsc. Urban Plan.*, vol. 69, no. 4, pp. 369–384, 2004.
- [7] H. Ernstson *et al.*, “Urban transitions: On urban resilience and human-dominated ecosystems,” *Ambio*, vol. 39, no. 8, pp. 531–545, 2010.
- [8] J. Ahern, “From fail-safe to safe-to-fail: Sustainability and resilience in the new urban world,” *Landsc. Urban Plan.*, vol. 100, no. 4, pp. 341–343, 2011.
- [9] US-IOTWS, *How Resilient is your coastal community? A Guide for evaluating coastal community resilience to tsunamis and other hazards.* 2007.
- [10] ANA, “Disaster Management in General.” [Online]. Available: <http://healthsysteminfo.blogspot.com/2010/12/disaster-management-in-general.html>. [Accessed: 05-Aug-2017].
- [11] WHO, “Emergency Preparedness : a Manual for Policy-Makers,” 1999.
- [12] T. De Greove, K. Poljansek, and L. Vernaccini, “Index for Risk Management,”

-
- 2015.
- [13] S. K. Marc Foni, Rashmin Gunasekera, “Fiscal Disaster Risk Assessment and Risk Financing Options Sri Lanka,” 2016.
- [14] The Government of Sri Lanka (GoSL), *SRI LANKA DISASTER MANAGEMENT ACT, No. 13*. 2005, pp. 0–31.
- [15] Ministry of Disaster Management (MDM), “Annual Performance Report,” 2014.
- [16] Japan International Cooperation Agency, “DATA COLLECTION SURVEY ON DISASTER RISK REDUCTION,” 2017.
- [17] Government of Sri Lanka (GoSL), “Reconstruction And Rehabilitation Fund Act (No. 58 of 1993).” 1993.
- [18] Ministry of Finance (MoF), *National Budget Circular*. 2011.
- [19] Ministry of Finance (MoF), *National Budget Circular*. 2014.
- [20] Ministry of Finance (MoF), *National Budget Circular*. 2014.
- [21] UNISDR, “Sendai Framework for Disaster Risk Reduction 2015 - 2030.” 2015.
- [22] National Council for Disaster Management (NCDM), “National Policy on Disaster Management,” 2010.
- [23] Ministry of Home Affairs (MoHA), “National Disaster Management Plan,” 2013.
- [24] Disaster Management Centre (DMC), “National Emergency Operations Plan Vol I,” vol. 1. 2015.
- [25] Ministry of Disaster Management (MDM), “Sri Lanka Comprehensive Disaster Management Programme,” 2014.
- [26] Climate Change Secretariat Ministry of Mahaweli Development and Environment (MMDE), “National Adaptation Plan for Climate Change Impacts in Sri Lanka 2016-2025,” 2016.

-
- [27] Disaster Management Centre (DMC), “SRI LANKA DISASTER RISK MANAGEMENT PLAN (2018-2030).” pp. 1–111, 2018.
- [28] Ministry of Disaster Management (MDM), “Annual Performance Report,” 2012.
- [29] Ministry of Disaster Management (MDM), “Annual Performance Report,” 2015.
- [30] Department of Meteorology, “Department of Meteorology,” 2016.
- [31] UNISDR, “Coherence and mutual reinforcement between the Sendai Framework for Disaster Risk Reduction 2015-2030 and international agreements for development and climate action,” 2015.
- [32] Ministry of Megapolis and Western Development (MoMWD), “Projects Identification Report,” 2016.
- [33] I. P. A. Gunasekara, “Flood Hazard Mapping in Lower Reach of Kelani River,” *Engineer*, vol. XXXXI, no. 05, pp. 149–154, 2008.
- [34] National Insurance Trust Fund (NITF), “National Natural Disaster,” 2016. [Online]. Available: [http://www.nitf.lk/National Natural Disaster.html](http://www.nitf.lk/National_Natural_Disaster.html). [Accessed: 29-Jul-2017].
- [35] News First, “List of areas in danger of landslides,” 2014.
- [36] Ravishan, “A Brief History Of The Meethotamulla Garbage Dump,” *Roar Reports*, 23-Apr-2017.
- [37] Ministry of Megapolis and Western Development (MoMWD), “Metro Colombo Urban Development Project (MCUDP).” [Online]. Available: http://www.megapolismin.gov.lk/web/index.php?option=com_content&view=article&id=57&Itemid=223&lang=en.
- [38] Ministry of National Policies & Economic Affairs (MoNPEA), “Floods and Landslides,” *Integrated risk assesment*, no. May. p. 284, 2017.
- [39] Disaster Management Centre (DMC), “Sri Lanka Post-Disaster Needs

-
- Assessment,” 2016.
- [40] Relief Web, “Flood and landslides Impact comparison between 2016 and 2017,” 2017.
- [41] Disaster Management Centre (DMC), “Annual Performance Report,” 2011.
- [42] Disaster Management Centre (DMC), *Hazard Profiles of Sri Lanka*. 2012.
- [43] M. Garcin *et al.*, “Integrated approach for coastal hazards and risks in Sri Lanka,” *Nat. Hazards Earth Syst. Sci.*, vol. 8, no. 3, pp. 577–586, 2008.
- [44] D. A. M. De Silva and M. Yamao, “Effects of the tsunami on fisheries and coastal livelihood: A case study of tsunami-ravaged southern Sri Lanka,” *Disasters*, vol. 31, no. 4, pp. 386–404, 2007.
- [45] I. S. K. Wijayawardane, K. M. M. Ansaf, A. H. R. Ratnasooriya, S. P. Samarawickrama, P. Student, and S. Lecturer, “Coastal Erosion: Investigations In The Southwest Coast Of Investigations On Sediment Transport,” in *International Conference on Sustainable Built Environment*, 2013, no. December 2010, pp. 13–14.
- [46] unicef, “Sri Lanka Humanitarian Situation Report No.5,” 2017.
- [47] Marine Environment Protection Authority (MEPA), “Oil Spill Events,” 2011. [Online]. Available: http://www.mepa.gov.lk/web/index.php?option=com_content&view=article&id=56&. [Accessed: 12-Feb-2018].
- [48] Disaster Information Management System (DIMS), “Disaster Event & Impact Profile,” in *Sri Lanka National Report on Disaster Risk, Poverty and Human Development Relationship*, no. c, 2012, pp. 37–57.
- [49] L. Zubair, V. Ralapanawe, U. Tennakoon, Z. Yahiya, and R. Perera, “Natural disaster risks in Sri Lanka: Mapping hazards and risk hotspots,” in *Natural disaster hotspots: Case studies*, 2006, pp. 109–136.
- [50] J. J. Wijetunge, “A deterministic analysis of tsunami hazard and risk for the

-
- southwest coast of Sri Lanka,” *Cont. Shelf Res.*, vol. 79, pp. 23–35, 2014.
- [51] S. Samarasinghe, H. Nandalal, D. Weliwitiya, J. Fowze, M. Harazika, and L. Samarakoon, “Application of Remote Sensing and GIS for Flood Risk Analysis: A Case Study at Kalu - Ganga River, Sri Lanka,” *Int. Arch. Photogramm. Remote Sens. Spat. Inf. Sci.*, vol. XXXVIII, no. 8, pp. 110–115, 2010.
- [52] M. De Silva, S. Weerakoon, and S. Herath, “Flood Inundation Mapping along the Lower Reach of Kelani River Basin under the Impact of Climatic Change,” *Engineer*, vol. XXXXV, no. 02, 2012.
- [53] Disaster Management Centre (DMC), “Tsunami Risk Map - Rumassala,” 2018. [Online]. Available: <http://www.riskinfo.lk/maps/958>. [Accessed: 10-Feb-2018].
- [54] Department of Meteorology (DoM), “WEATHER FORECASTS.” [Online]. Available: <http://www.meteo.gov.lk/index.php?lang=en>. [Accessed: 11-Feb-2018].
- [55] Disaster Management Centre (DMC), “DEWN - Disaster and Emergency Warning Network,” no. January. 2015.
- [56] S. S. L. Hettiarachchi and S. Weeresinghe, “Achieving Disaster Resilience through the Sri Lankan Early Warning System: Good practises of Disaster Risk Reduction and Management,” *Procedia Econ. Financ.*, vol. 18, no. September, pp. 789–794, 2014.
- [57] The World Bank, “Sri Lanka’s Early Warning System,” 2014. [Online]. Available: <http://www.worldbank.org/en/country/srilanka/brief/fact-sheet-srilankas-early-warning-system>. [Accessed: 25-Jul-2017].
- [58] The Government of Sri Lanka (GoSL), *COAST CONSERVATION ACT*. 1981.
- [59] Coast Conservation Department (CCD), “Coastal Zone Management Plan (CZMP),” *Gazette Extraordinary of the Part I Sec (I) Gazette Extraordinary of the Democratic Socialist Republic of Sri Lanka 2006*. 2004.

-
- [60] Marine Environment Protection Authority (MEPA), “The Sri Lanka National Oil Spill Contingency Plan (NOSCOP),” no. 758. .
- [61] National Building and Research Organization (NBRO), *Hazard Resilient Housing Construction Manual*, no. 1. 2015.
- [62] Department of Education (DoE), *National Guidelines for School Disaster Safety*. 2008.
- [63] UN - Habitat, “Mannar - Disaster Risk Reduction and Preparedness Plan,” 2014.
- [64] UN - Habitat, “Batticaloa - Disaster Risk Reduction and Preparedness plan,” 2013.
- [65] Disaster Management Centre (DMC), *Community Resilience Framework Sri Lanka*. 2015.
- [66] Indian Ocean Tsunami Information Center, “SRI LANKA,” 2013. [Online]. Available: <http://iotic.ioc-unesco.org/state/23/sri-lanka>. [Accessed: 28-Jul-2017].
- [67] Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES), “Overview,” 2009. [Online]. Available: http://www.rimes.int/about_overview.php. [Accessed: 03-Aug-2017].
- [68] Regional Specialized Meteorological Centre (RSMC), “Panel Members,” 2013. [Online]. Available: http://www.rsmcnewdelhi.imd.gov.in/index.php?option=com_content&view=article&id=127&Itemid=420&lang=en. [Accessed: 23-Jul-2017].
- [69] Asian Disaster Preparedness Centre (ADPC), “Training Workshop on Coastal Community Resilience (CCR) in Sri Lanka,” 2008.
- [70] Asia Pacific Alliance for Disaster Management (APAD), “About A-PAD,” 2015. [Online]. Available: <http://apadm.org/lp/>. [Accessed: 03-Aug-2017].
- [71] UNESCO, *TSUNAMI RISK ASSESSMENT AND MITIGATION FOR THE*

INDIAN OCEAN, no. July. 2015.

- [72] SAARC, “Regional Cooperation on Coastal and Marine Risk Mitigation Plan for South Asia,” 2008.
- [73] University of Moratuwa (UoM), “MSc / PG Diploma in Environmental Engineering and Management,” 2017. [Online]. Available: <http://www.mrt.ac.lk/web/content/msc-pg-diploma-environmental-engineering-and-management>. [Accessed: 29-Jul-2017].
- [74] University of Peradeniya (UoP), “MSc . in Disaster Management.” 2017.
- [75] J. Guthrie, E. Evans, and R. Burritt, *IMPROVING COLLABORATION AND INNOVATION BETWEEN INDUSTRY AND BUSINESS SCHOOLS IN AUSTRALIA*, 1st ed., vol. 8. Sydney: Chartered Accountants Australia and New Zealand, 2017.
- [76] National Science Foundation (NSF), “STMIS.” [Online]. Available: <http://mis.nsf.ac.lk/>. [Accessed: 15-Mar-2018].
- [77] D. Czarnitzki, C. Grimpe, and A. A. Toole, “Delay and secrecy: Does industry sponsorship jeopardize disclosure of academic research?,” *Ind. Corp. Chang.*, vol. 24, no. 1, pp. 251–279, 2015.
- [78] J. Bruneel, P. D’Este, and A. Salter, “Investigating the factors that diminish the barriers to university–industry collaboration,” *Res. Policy*, vol. 39, no. 7, pp. 858–868, Sep. 2010.
- [79] V. Campos, R. Bandeira, and A. Bandeira, “A Method for Evacuation Route Planning in Disaster Situations,” *Procedia - Soc. Behav. Sci.*, vol. 54, pp. 503–512, 2012.
- [80] Epidemiology Unit Ministry of Health (MoE), “National Influenza Pandemic Preparedness Plan.” 2011.