

**DISASTER MANAGEMENT FRAMEWORKS IN SRI
LANKA AND ITS COMPLIANCE WITH GLOBAL
STANDARDS**

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DECLARATION

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ABSTRACT

In the recent past Sri Lanka has experienced several significant natural disasters. At present, the DMC and all the line agencies focus on disaster management functions under the ministry of disaster management. The comprehensive disaster management program was prepared in 2014 and it is to be used up until 2018. Furthermore, it was proposed to identify mechanisms to integrate the Sendai Framework into the Sri Lankan national disaster management framework. However, during recent disasters, the DMC and the disaster management framework was under severe criticism from the public as well as the technical community. Therefore, the aim of this study is to investigate disaster management framework in Sri Lanka and its compliance with global standards. Initially an in-depth literature review was carried out to identify the terminology and existing local and international frameworks related to Disaster Management. Then the local frameworks were evaluated against seven criteria, which were identified after carefully analysing the requirements of the Sendai Framework. During this investigations several recent disaster incidents were referred as well. In addition, a case study was carried out to identify the status of some of the key components of coastal community resilience. Interviewing key professionals in the field of Disaster Risk Reduction in Sri Lanka and the focused group and panel discussions provided sufficient data for the analysis. Sri Lanka is in the process of aligning themselves with the Sendai Framework and Even though country lacks proper and efficient resilience mechanisms focused on the coastal communities, national efforts are underway to build up the coastal resilience. Training and public awareness campaigns, efficient funds, properly maintained hierarchy and concern to the coastal ecosystems are some of the enablers associated in building coastal resilience. Developing a multi-hazard map, improving the interagency cooperation, Use of social media to disseminate Early Warnings and focusing more on the development of a people-centered Multi-Hazard Early Warning Systems (MHEWS) are some of the recommendations given.

Key Words: Disaster Management; Disaster Risk Reduction; Resilience frameworks; Sendai framework; University Industry Partnerships; Evacuation planning

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CONTENTS

1	Introduction & Structure of the Thesis	1
1.1	Research Problem	1
1.2	Objectives	2
1.3	Research Methodology	2
1.4	Organization of the thesis	3
2	Important Aspects of Disaster Management	6
2.1	Terminology.....	6
2.1.1	Hazard	6
2.1.2	Vulnerability	6
2.1.3	Capacity & Preparedness	7
2.1.4	Disaster	7
2.1.5	Risk	7
2.1.6	Resilience	8
2.1.7	Disaster Risk Reduction.....	8
2.1.8	Disaster Risk Management	9
2.2	Disaster Management cycle	9
2.3	Hazard Assessment	9
2.3.1	The FEMA Model.....	10
2.3.2	SMUG hazard priority system	11
2.4	Vulnerability Assessment	12
2.4.1	Single dimension of susceptibility approach to vulnerability	13
2.4.2	Sector approach to vulnerability	13
2.5	Risk Assessment	14

3	Existing Disaster Risk Reduction & Disaster Management Frameworks in Sri Lanka	17
3.1	Background	17
3.2	National Legal frameworks, policies and plans.....	18
3.2.1	Disaster Management Act.....	18
3.2.2	Reconstruction and Rehabilitation Fund Act, No. 48 of 1993.....	19
3.2.3	Ministry of Finance and Planning – Budget Circulars No. 152 (I) (II) and (III) 19	
3.2.4	National Disaster Management Policy.....	20
3.2.5	National Disaster Management Plan.....	21
3.2.6	National Emergency Operations Plan	21
3.2.7	Sri Lanka Comprehensive Disaster Management Programme	22
3.2.8	National Adaptation Plan for Climate Change Impacts in Sri Lanka.	22
3.2.9	Sri Lanka Disaster Risk Management Plan	23
3.3	National Institutions and Organizations	23
3.3.1	National Council for Disaster Management	23
3.3.2	Ministry of Disaster Management	25
3.3.3	Disaster Management Centre	26
3.3.4	National Disaster Relief Services Centre.....	27
3.3.5	Department of Meteorology.....	27
3.3.6	National Building Research Organization	28
3.3.7	Other line agencies.....	28
4	Alignment of Local Frameworks with Global Standards.....	29
4.1	International frameworks related to DM	29
4.2	Alignment of DMA and SLNDMP to Sendai Framework	32
4.2.1	Whole of government response.....	32

4.2.2	Coherence and integration	34
4.2.3	Resource allocation	35
4.2.4	Multi-stakeholder approaches	37
4.2.5	Localised approaches to DRM.....	40
4.2.6	Data driven approach	40
4.2.7	Safeguard investment through preparedness and ‘Build Back Better’	41
4.3	Alignment of SLNDMP with UNISDR Coherence and Integration Guideline	42
4.3.1	Coherence and mutual reinforcement	43
4.3.2	Link mechanisms for monitoring and reporting of linked goals and indicators	43
4.3.3	Promote cooperation in implementation.....	44
4.4	Merits and demerits	45
4.4.1	Merits	45
4.4.2	Demerits.....	45
5	Evaluation of Coastal Community Resilience – Case Study.....	47
5.1	Why Coastal Community Resilience.....	47
5.2	Methodology.....	48
5.3	Coastal Hazards	51
5.4	Multi Hazard Assessments.....	53
5.5	Early warning mechanisms.....	54
5.6	National Policies, Guidelines, and efforts	58
5.7	Regional Cooperation	61
5.8	Role of Higher Education Institutes.....	63
5.8.1	Education and awareness programmes	63
5.8.2	Expertise and advocacy.....	64

5.8.3	Research.....	64
5.8.4	Need of Strong University Industry Partnerships	65
5.8.5	Barriers & challenges.....	66
5.9	Evacuation planning in coastal communities.....	67
5.9.1	Demographic information.....	67
5.9.2	General opinions related to hazards.....	68
5.9.3	Trust on authorities	69
5.9.4	Way of receiving Early Warning messages	70
5.9.5	People with reduced mobility	72
5.9.6	Evacuation drills and training	72
5.9.7	Family Vehicle.....	73
5.9.8	Domestic animals.....	73
5.9.9	Evacuation routes and shelters.....	73
5.9.10	Relatives and neighbours	75
5.10	Identification of key elements in measuring CCR	76
5.10.1	Physical element	77
5.10.2	Human element	77
5.10.3	Economic element.....	78
5.10.4	Social element.....	79
5.10.5	Environmental element	80
6	Conclusions & Recommendations	81
6.1	Conclusions.....	81
6.2	Recommendations.....	83
7	References	87

LIST OF FIGURES

Figure 1: Introductory mind map for the research.....	5
Figure 2: Role of resilience in determining community response to a hazard event ..	8
Figure 3 Disaster Management Cycle	9
Figure 4: Evaluation criteria in FEMA Model	11
Figure 5: Sector approach to vulnerability	13
Figure 6: Risk matrix.....	16
Figure 7: DM authorities in Sri Lanka (1977-2005)	17
Figure 8: Cross cutting Principles and Policy Statements in NDMP	21
Figure 9: Disaster management plan in each administrative level and sector.....	22
Figure 10: Organizational Structure of main National Institutes related to DM.....	23
Figure 11: Structure of NCDM (Source: CDMP)	24
Figure 12: Organizational structure within the main office of MDM.....	25
Figure 13: Organizational Structure of DMC.....	26
Figure 14: Responsible Technical Agencies for various hazards (Source: NEOP) ..	28
Figure 15: Methodology followed in aligning frameworks	32
Figure 16: 10 year flood map for lower reach of Kelani River	34
Figure 17: Location of Aranayake in landslide hazard map.....	36
Figure 18: Posts in Facebook (left) & Twitter (right) regarding relief work during Meethotamulla disaster.....	39
Figure 19: Components selected to assess CCR.....	48
Figure 20: Summary of the methodology followed	51
Figure 21: Affected people from disasters (1965 - 2017)	52
Figure 22: Importance of Handling Coastal Hazards	53
Figure 23: Multi Hazard Maps, Equally weighing hazards (Left) & by incident frequency (Right).....	54
Figure 24: National Disaster Early Warning System	56
Figure 25: MHEWS of Sri Lanka.....	57
Figure 26: National plans and programmes for CCR.....	60
Figure 27: Sri Lankan membership in international organizations	62
Figure 28: Demographic information of the respondents.....	68

Figure 29: Hazards which will affect the respondent’s areas	68
Figure 30: Ways of receiving early warnings by the respondents.....	70
Figure 31: Spearman Correlation results for districts vs EW messages.....	71
Figure 32: Early warnings via Facebook during 2018 rains.....	71
Figure 33: Experience of Evacuation drills	72
Figure 34: Knowledge of Evacuation routes and signs	73
Figure 35: Evacuation signs in coastal area	74
Figure 36: Responses giving opinions about relatives and neighbours.....	75
Figure 37: Benchmarks given in “How Resilient is your coastal community” guide (Left) and elements in Community Resilience Framework in Sri Lanka (Right)	76
Figure 38: People centred Early Warning Mechanism.....	85
Figure 39: Some of the enablers and their linkages to enhance the role of HEIs.....	86

LIST OF TABLES

Table 1: Participant data for interviews.....	49
Table 2: Early Warning Dissemination levels.....	55
Table 3: Threshold levels for various hazards.....	58
Table 4 : Plans and programmes focused on Coastal Zone.....	58
Table 5: Physical elements	77
Table 6: Human elements	77
Table 7: Economic elements	78
Table 8: Social elements.....	79
Table 9: Environmental elements.....	80

LIST OF ABBREVIATIONS

<u>Abbreviation</u>	<u>Description</u>
CCA	Coast Conservation Act
CCR	Coastal Community Resilience
CCD	Coast Conservation Department
CDMP	Comprehensive Disaster Management Plan
CRF	Community Resilience Framework
CZMP	Coastal Zone Management Plan
CSO	Community Service Organization
DM	Disaster Management
DMC	Disaster Management Centre
DoM	Department of Meteorology
DRM	Disaster Risk Management
DRMP	Disaster Risk Management Plan
DRR	Disaster Risk Reduction
DRRPP	Disaster Risk Reduction and Preparedness Plans
EOC	Emergency Operations Centre
EW	Early Warning
HEIs	Higher Education Institutes
HRCM	Hazard Resilient Housing Construction Manual
IUCN	International Union for Conservation of Nature
MDM	Ministry of Disaster Management
MHEWS	Multi Hazard Early Warning System

MoF	Ministry of Finance
NAPCCI	National Adaptation Plan for Climate Change Impacts
NBRO	National Building Research Organization
NCDM	National Council for Disaster Management
NDMC	National Disaster Management Centre
NDMP	National Disaster Management Plan
NDRSC	National Disaster Relief Services Centre
NEOP	National Emergency Operations Plan
NGO	Non-Governmental Organization
NITF	National Insurance Trust Fund
NIPPP	National Influenza Pandemic Preparedness Plan
NMC	National Meteorological Centre
NOSCP	National Oil Spill Contingency Plan
PACC	Paris Agreement on Climate Change
RRA	Reconstruction and Rehabilitation Act
SLCDMP	Sri Lanka Comprehensive Disaster Management Programme
SLDRMP	Sri Lanka Disaster Risk Management Plan
SLNDMP	Sri Lanka National Disaster Management Policy
SoR	Scheme of Recruitments
TAC	Technical Advisory Committee
UNISDR	United Nations International Strategy for Disaster Reduction
UNFCCC	United Nations Framework Convention on Climate Change
UIP	University Industry Partnerships