

## HFA Implementation Review – Simplified Version for ACDR 2010

<b>Country:</b>	<b>Union of Myanmar</b>
<b>Date of data filled out:</b>	<b>4<sup>th</sup> December, 2009</b>
<b>Name of the respondent:</b>	<b>U MYINT HTUN, DIRECTOR GENERAL</b>

### 1 Priority for action 1:

*Ensure that disaster risk reduction is a national and local priority with a strong institutional basis for implementation*

1-1. National policy and legal framework for disaster risk reduction exists with decentralized responsibilities and capacities at all levels

	Name	Area (please select)	Year of Enforcement
National laws for disaster risk reduction	-	Response/ Recovery/ Mitigation/ Preparedness	-
National policy for disaster risk reduction	Standing Order on Natural Disaster Management	Response/ Recovery/ Mitigation/ Preparedness	2009

[Comments (if any)]

1-2. Dedicated and adequate resources are available to implement disaster risk reduction activities at all administrative levels

	Amount (currency, year)	Main Purpose (please select)
Funds allocation for disaster risk reduction	120 million (Kyat) per year	Response
	Name	Number of Staff
Department for disaster risk reduction at national Level (Please attach an organization chart)	Relief and Resettlement Department	591

[Comments (if any)]

1-3. Community participation and decentralization are ensured through the delegation of authority and resources to local levels

	System (Policy, Organization, Network, etc.)	Main Purpose (please select)
System to ensure community participation in disaster risk reduction	- Disaster Management/ Preparedness Committees formed under the leadership of local authorities of every administrative levels - NGOs	Response/ Recovery/ Mitigation/ Preparedness

[Comments (if any)]

1-4. A national multi-sectoral platform for disaster risk reduction is functioning

	Name	Main Purpose (please select)	Year of Establishment
Multi-sectoral platform for disaster risk reduction (Please attach an organization chart)	-	Response/ Recovery/ Mitigation/ Preparedness	

[Comments (if any)] Workshops on Disaster Risk Reduction were held in 2009 by Ministry of Social Welfare, Relief and Resettlement & Myanmar Engineering Society for awareness generation among key stakeholders.

## 2 Priority for action 2:

*Identify, assess and monitor disaster risks and enhance early warning*

2-1. National and local risk assessments based on hazard data and vulnerability information are available and include risk assessments for key sectors

	Activities	Type of disasters	Year of Completion
Development of hazard maps	Relevant Government Departments in collaboration with Asian Disaster Preparedness Center developed <b>Hazard Profile of Myanmar</b> and it includes initiatives for basic hazard maps for some disasters.	- Seismic Zonation Map - Dry Zone Map - Fire Risk Map - Inundation Map	2009
Risk assessment	-		

[Comments (if any)] Hazard Profile of Myanmar can be downloaded at <http://www.adpc.net>.

2-2. Systems are in place to monitor, archive and disseminate data on key hazards and vulnerabilities

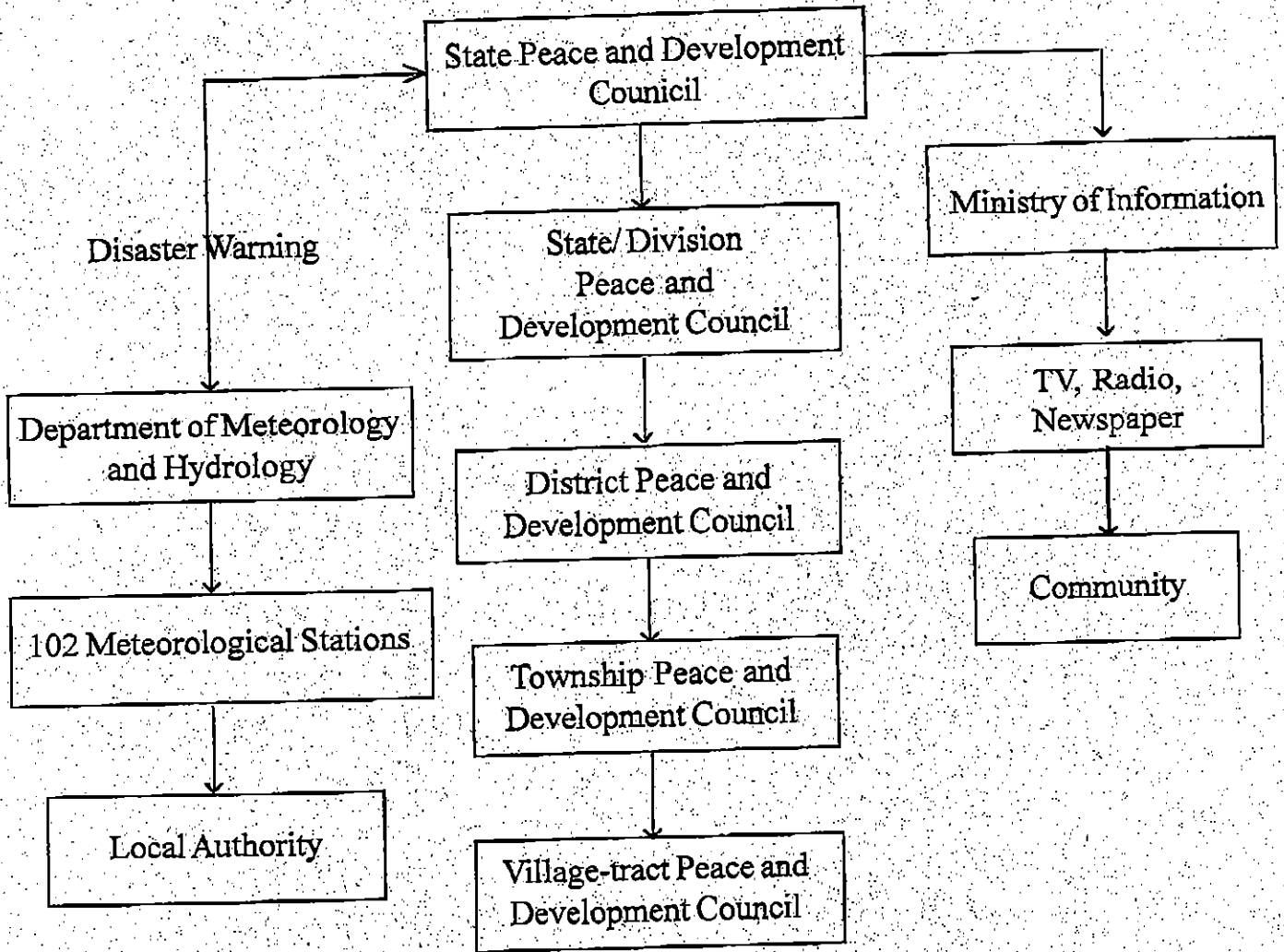
	Name	Type of disasters
Disaster monitoring system	Department of Meteorology and Hydrology (102 stations nation-wide)  Fire Services Department	-Earthquake, Tsunami -Flood -Cyclone, Storm Surge -Urban fire
Disaster Information system (archive & dissemination of data)	Department of Meteorology and Hydrology(DMH)	-Earthquake, Tsunami -Flood -Cyclone, Storm Surge,

[Comments (if any)]

2-3. Early warning systems are in place for all major hazards, with outreach to communities

	Description	Type of disasters
Disaster warning system (information flow)	See Attachment 1	For all types of disasters

### Disaster Information Flow Chart



Early warning and evacuation system	After getting early warning from higher authority or Department of Meteorology and Hydrology, Township Peace and Development Council ( i.e. General Administration Department) is responsible for dissemination of early warning to reach community and for evacuation.	
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[Comments (if any)]

2-4. National and local risk assessments take account of regional / trans-boundary risks, with a view to regional cooperation on risk reduction.

	Description	Type of disasters
Regional (trans-boundary) information sharing system for disaster monitoring and early warning	Department of Meteorology and Hydrology	Cyclone Tsunami Earthquake

[Comments (if any)]

### 3 Priority for action 3:

*Use knowledge, innovation and education to build a culture of safety and resilience at all levels*

3-1. Relevant information on disasters is available and accessible at all levels, to all stakeholders (through networks, development of information sharing systems etc)

	System, Activities	Type of disasters
Public awareness on disasters and disaster risks	Ministry of Social Welfare, Relief and Resettlement conducted the following trainings and workshops: <b>Regional Level:</b> ASEAN Workshop on Disaster Risk Management <b>National Level:</b> TOT on Disaster Risk Management, Workshops by e-Center of UNHCR( International Humanitarian Response Workshop and Contingency Planning Workshop) <b>Sub-national Level:</b> Disaster Management Course at least 3 batches per year <b>Community Level:</b> Educative Talks by Relief and Resettlement Department and NGO, Mobile Knowledge Resource Center by Myanmar Engineering Society	Urban fire, Cyclone, Tsunami, Storm Surge, Flood Earthquake

[Comments (if any)]

3-2. School curricula, education material and relevant trainings include disaster risk reduction and recovery concepts and practices

Items	
School curricula include disaster risk reduction concepts	Yes/ No/ Other ( )

Educational materials for learning/teaching disaster risk reduction	For formal education/ For informal education/ No
Training program for learning disaster risk reduction	Yes/ No/ Other ( )

[Comments (if any)]

3-3. Research methods and tools for multi-risk assessments and cost benefit analysis are developed and strengthened

	Description
Development of research methods and tools for multi-risk assessment	-

[Comments (if any)] Ministry of Science and Technology, Yangon Institute of Technology, Myanmar Engineering Society and Myanmar Geoscience Society conduct relevant research activities.

3-4. Country-wide public awareness strategy exists to stimulate a culture of disaster resilience, with outreach to urban and rural communities

	Name	Year
Country-wide public awareness strategy	Fire Brigade Day (5 <sup>th</sup> May)	Annually

[Comments (if any)] - Country-wide public awareness strategy exist periodically conducted trainings at all levels soon as Basic Fire Services Training Course (4-weeks) for voluntary firemen (fire volunteers)

#### 4 Priority for action 4:

*Reduce the underlying risk factors*

4-1. Disaster risk reduction is an integral objective of environment related policies and plans, including for land use natural resource management and adaptation to climate change.

Environmental related policies include disaster risk reduction concepts	Yes/ No/ Other ( <u>under process</u> )
National land use planning include disaster risk reduction concepts	Yes/ No/ Other ( <u>under process</u> )

[Comments (if any)]

4-2. Social development policies and plans are being implemented to reduce the vulnerability of populations most at risk

Social development policies include disaster risk reduction concepts	Yes/ No/ Other ( )
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[Comments (if any)]

4-3. Economic and productive sectorial policies and plans have been implemented to reduce the vulnerability of economic activities

Economic and productive sectorial policies include disaster risk reduction concepts	Yes/ No/ Other ( )
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[Comments (if any)]

4-4. Planning and management of human settlements incorporate disaster risk reduction elements, including enforcement of building codes

Planning and management of human settlements include disaster risk reduction concepts	Yes/ No/ Other ( )
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[Comments (if any)] Committee for Quality Control of High-rise Building Projects is responsible for reducing of risk of earthquake disaster.

4-5. Disaster risk reduction measures are integrated into post disaster recovery and rehabilitation processes

Disaster risk reduction measures are integrated into post disaster recovery processes	Yes/ No/ Other ( )
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[Comments (if any)]

4-6. Procedures are in place to assess the disaster risk impacts of major development projects, especially infrastructure

Procedures to assess the disaster risk impacts of major development projects	Yes/ No/ Other ( )
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[Comments (if any)]

## 5 Priority for action 5:

*Strengthen disaster preparedness for effective response at all levels*

5-1. Strong policy, technical and institutional capacities and mechanisms for disaster risk management, with a disaster risk reduction perspective are in place

	Policy/ Mechanisms
Policy and mechanisms for disaster risk management (ex. task force for disaster risk management)	<ul style="list-style-type: none"> <li>- National Disaster Preparedness Central Committee(NDPCC)</li> <li>- National Disaster Preparedness Executive Working Committee</li> <li>- Disaster Management Committees at all Administrative level</li> <li>- Sanding Order on Natural Disaster Management by NDPCC</li> </ul>

[Comments (if any)]

Institutional Arrangement of Disaster Management in Myanmar can be downloaded at <http://www.adpc.net>

5-2. Disaster preparedness plans and contingency plans are in place at all administrative levels, and regular training drills and rehearsals are held to test and develop disaster response programmes

	Name	
Disaster preparedness plans	Disaster Preparedness, Mitigation and Rehabilitation Plan of National Disaster Preparedness Central Committee	- Also in all administrative Levels
Disaster contingency plans	Disaster Response Action Plans are drafted at all levels.	
		remarks
National level disaster management drills	( ) Regularly conducted ( x ) Periodically conducted ( ) not conducted	Tsunami Early Warning Exercise, 14 Oct,2009
Local level disaster management drills	( ) Regularly conducted ( x ) Periodically conducted ( ) not conducted	

[Comments (if any)]

5-3. 5-3. Financial reserves and contingency mechanisms are in place to support effective response and recovery when required

Items	
Financial reserve for disasters	Yes (US\$ )/ No/ Other ( Annual budget by the Government )
Compensation for disasters	Yes (Name of system: ) No Other ( Yes )
Insurance for disasters	Yes (Name of system: ) No Other ( Yes )
Tax reduction or exemption	Yes (Name of system: Donation of goods and materials ) No Other ( No )

[Comments (if any)]

5-4. Procedures are in place to exchange relevant information during hazard events and disasters, and to undertake post-event reviews

Procedures for exchanging relevant information during disasters (Knowledge compilation of lessons learned from previous disasters)	Yes No Other ( Yes )
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[Comments (if any)]