

**HFA Implementation Review – Simplified Version
for ACDR2010**

Country:	Bhutan
Date of data filled out:	23 December, 2009
Name of the respondent:	Department of Disaster Management

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 decentralised responsibilities and capacities at all levels

	Name	Area (please select)	Year of Enforcement
National laws for disaster risk reduction	National Disaster Management Act, Bhutan	Response/ Recovery/ Mitigation/ Preparedness	Still a draft to be endorsed by parliament this year
National policy for disaster risk reduction	National Disaster Risk Management Framework	Response/ Recovery/ Mitigation/ Preparedness	2006

[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		Response/ Recovery/ Mitigation/ Preparedness
	Name	Number of Staff
Department for disaster risk reduction at national Level (Please attach an organization chart)	Department of Disaster Management	12

[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	<ul style="list-style-type: none"> - CBDRM training and capacity building programs - Disaster management committees at the Block and community level 	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)	<ul style="list-style-type: none"> - National Disaster Management Authority - National Committee for Disaster Management 	Response/ Recovery/ Mitigation/ Preparedness	To be formed 2006

[Comments (if any)]

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	<ul style="list-style-type: none"> - Hazard Zonation for Punatsangchu Basin 	GLOF	2007
Risk assessment	<ul style="list-style-type: none"> - Community based disaster risk assessment is ongoing in 4 districts 	All	Ongoing

[Comments (if any)]

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

	Name	Type of disasters
Disaster monitoring system	<ul style="list-style-type: none"> - Information and reporting done from districts to the Department 	All
Disaster Information system (archive & dissemination of data)	None	

[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)		
Early warning and evacuation system	An early warning and evacuation system is in place for the Punatshangchu Basin with 14 potentially dangerous glacial lakes. At present the system is manual with HF communication. However an automated is being put in place.	GLOF

[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	Part of RIMES, ADPC and SAARC Disaster Management Center	

[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	<ul style="list-style-type: none"> - Pamphlets, Issues in the Newspapers - Animation programs on T.V. - School Safety Campaign - Community awareness programs - International Day for DR - Emergency Safety and First Aid Handbook 	ALL

[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 (School curricula includes general safety tips)
Educational materials for learning/teaching disaster risk reduction	For formal education/ For informal education/ No Not yet be we are in the process of incorporating a module on DRR
Training program for learning disaster risk reduction	Yes/ No/ Other (School Safety Campaign includes training of Principals and teachers on DRR)

[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	NoNe

[Comments (if any)]

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		

[Comments (if any)]

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 (Climate Change adaptation)
National land use planning include disaster risk reduction concepts	Yes/ No/ Other (basic concepts are there but we need to strengthen)

[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 (No)
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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 (No)
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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 (Standard Building Codes and standards are existing but need to further strengthen the enforcement)
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[Comments (if any)]

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)]

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 ()
Compensation for disasters	Yes (Name of system:) No Other ()
Insurance for disasters	Yes (Name of system: Rural House insurance Scheme – Royal Insurance Corporation of Bhutan) No Other ()
Tax reduction or exemption	Yes (Name of system:) No Other ()

[Comments (if any)]

Most of the financial mechanisms would be put in place after the enactment of the Draft National Disaster Management Bill

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 ()

[Comments (if any)]