



Policy and Institutional Response for Disaster Management in Nepal



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NEPAL



Area : 147,181 Sq.m.
Pop : 26.4 m.



Nepal : Beautiful Country ..



Temples



Mt Everest 8848 m



Lumbini, birthplace of Budhha



Various Advanteres



Budhha Temples



Dangerous too..



Landslide Blocked the a bid river, dead 165 house collapse around 400 on August 2, 014

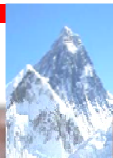


Transportation, bridges and roads are in mountain area

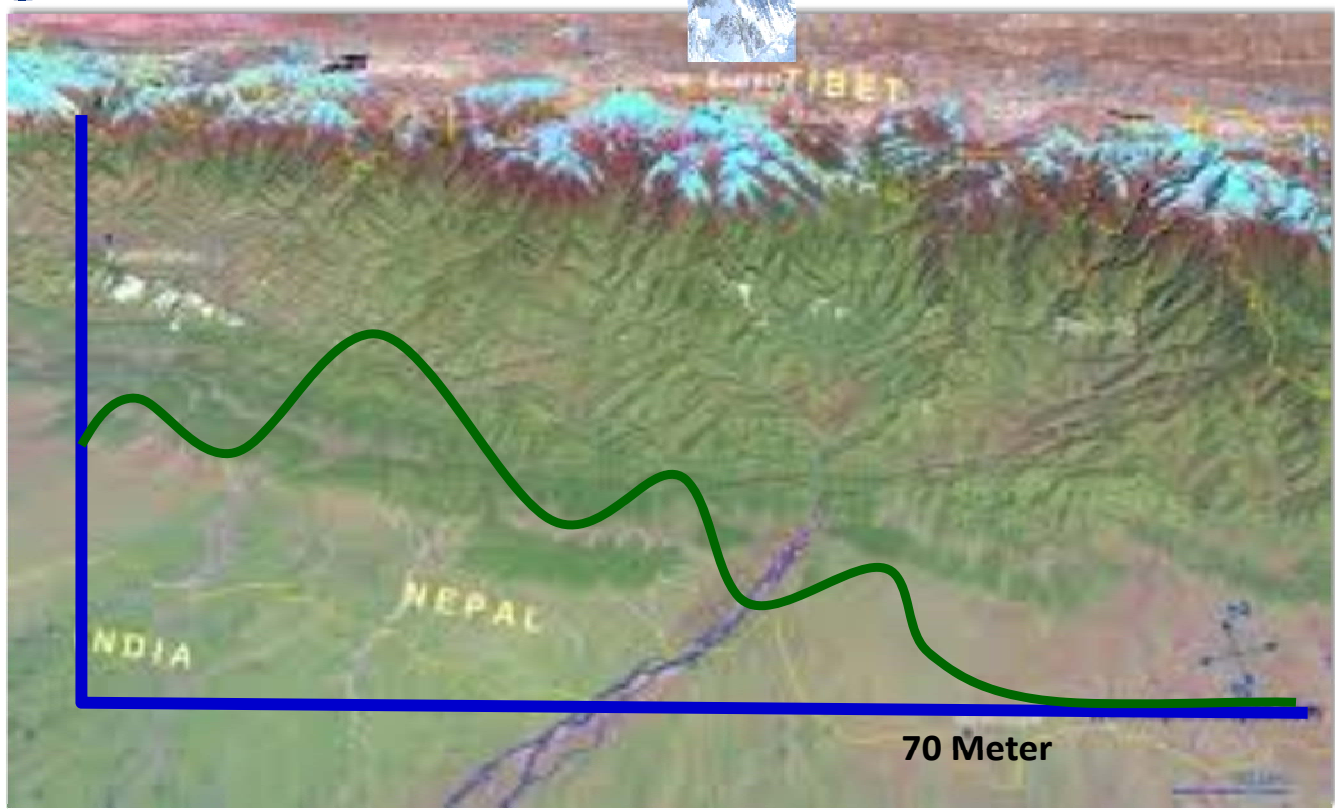


Nepal is disaster prone due to . . .

Difficilt Geological Terrain



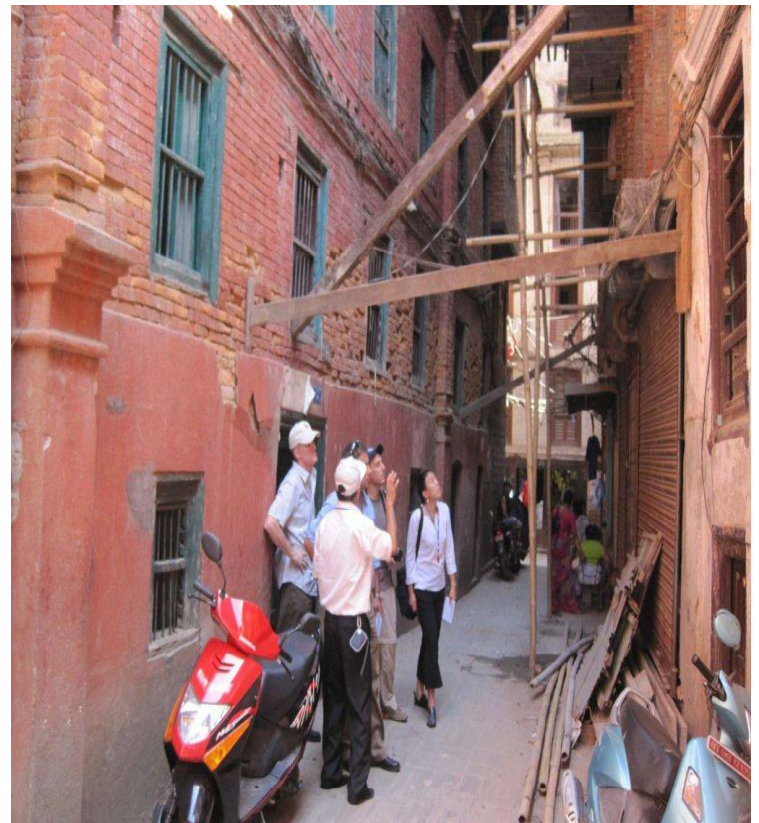
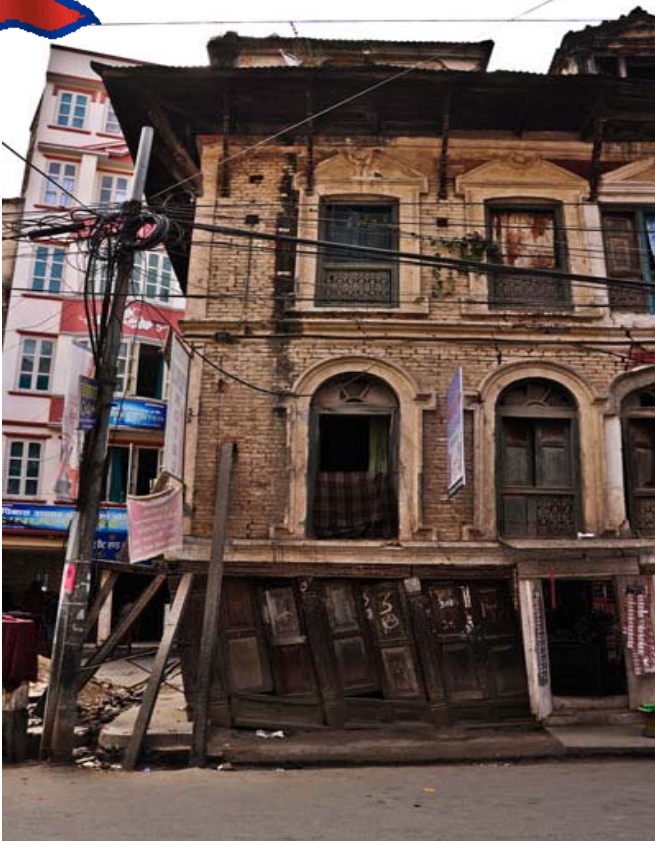
8848 Meter



disaster prone due to ...
Unplanned settlement



disaster prone due to
Poor construction practices





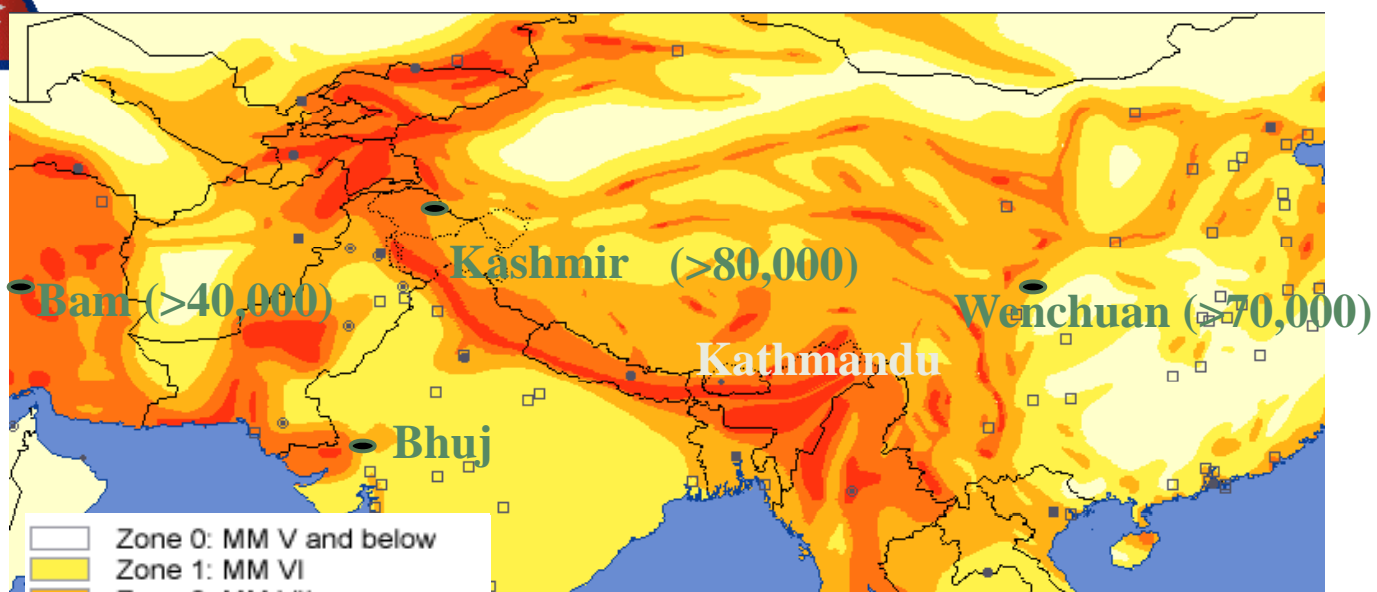
disaster prone due to ...

Cultivation of unsuitable land, poor implementation of land-use planning . . .



disaster prone ...

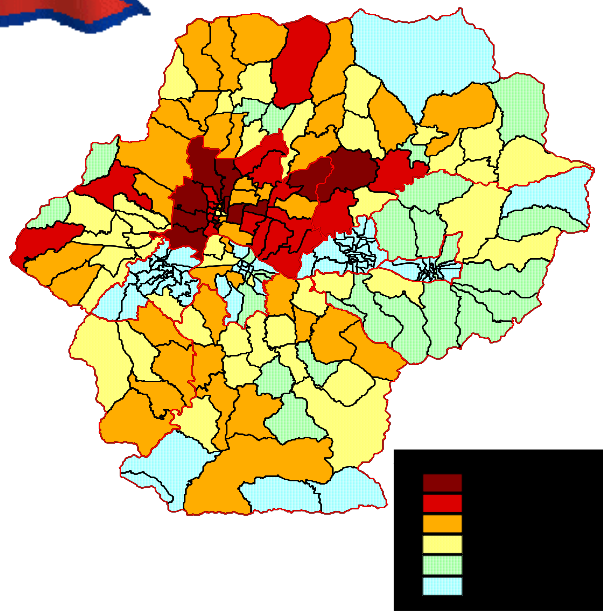
Seismic Hazard



Probable maximum intensity (MM: modified Mercalli scale) with an exceedance probability of 10% in 50 years (equivalent to 'return period' of 475 years) for medium subsoil conditions

Collision of Euro Asian Plates and Indian Plates by 3 mm per year, History of Nepal by J. Whelpton

Estimated casualties from category IX quake



JICA, 2001: 18,000 death at MMI VIII

KVERMP, 1998 (Population-1.5M):

□ Death: 40,000

□ Injury: 95,000

RMP, 1998 (Population-1.5M)

2010 Estimate with Population: 3.0M

□ Death: 100,000

□ Serious Injury: 100,000

□ Moderate Injury: 200,000

Major Recurrent Disasters in Nepal



- | | |
|---------------|--------------------|
| 1. Flood | 7. Drought |
| 2. Landslide | 8. GLOF |
| 3. Earthquake | 9. Avalanches |
| 4. Epidemics | 10. Windstorm |
| 5. Fire | 11. Thunderbolt |
| 6. Hailstone | 12. Cold-waves/loo |

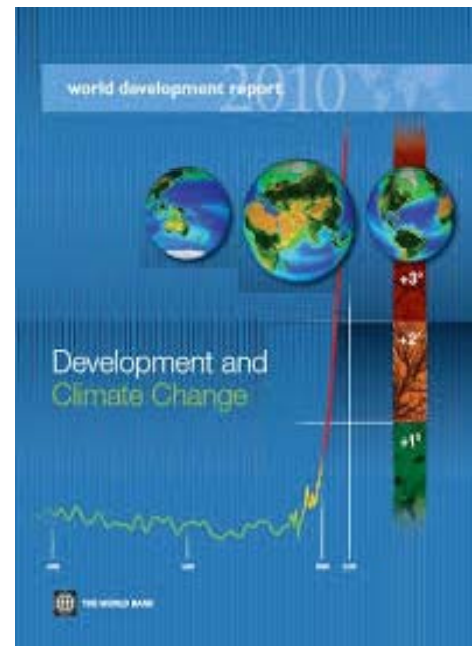
Frequent Disaster : Landslide and Flood..

Earthquake is likely to happen !!!!



Nepal's vulnerability to natural hazards; ...The Reality

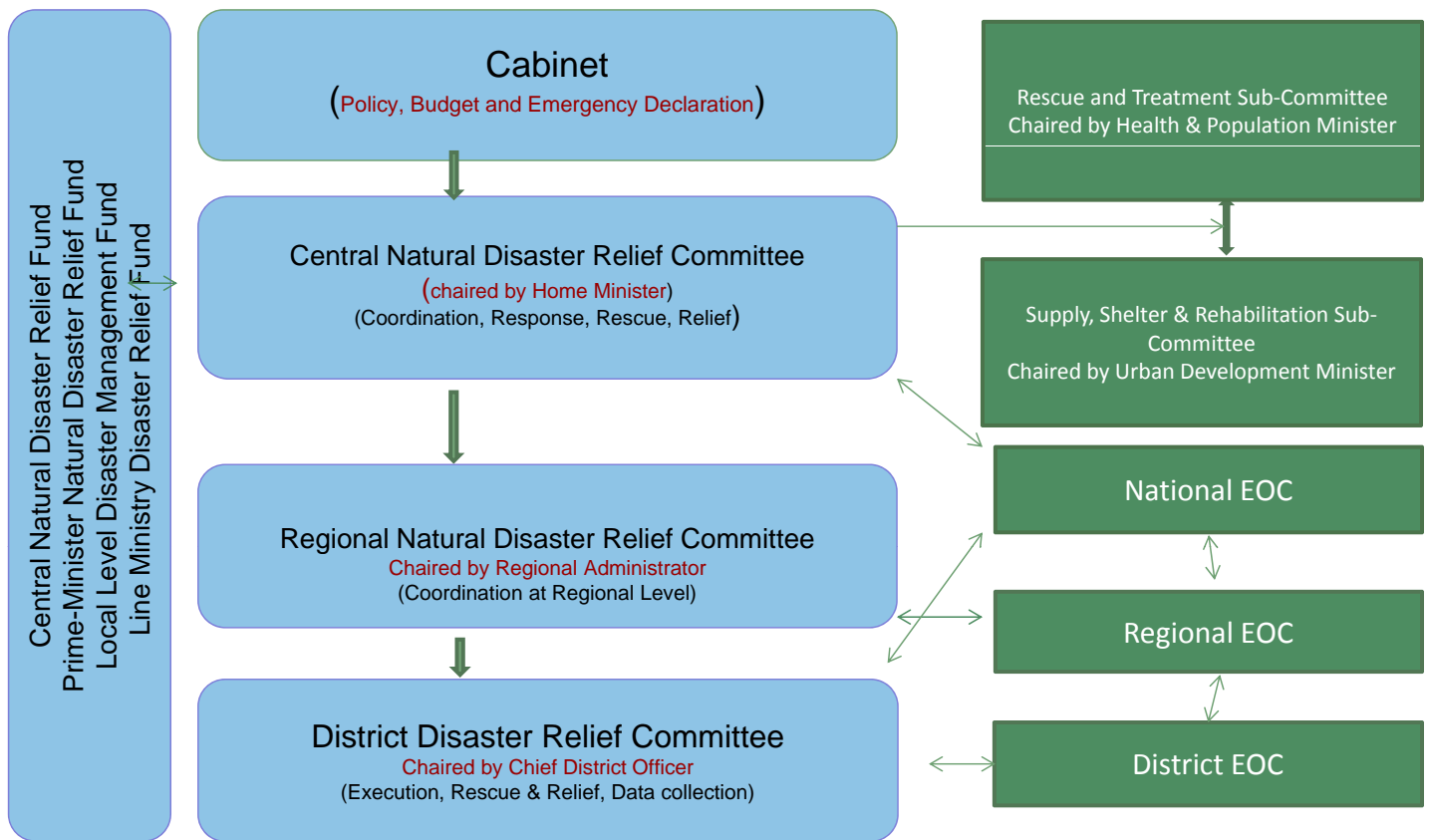
- Nepal Ranks 11th- in terms of Earthquake
- 6th to climatic hazards (UNDP-2004 "Reducing Disaster Risk"), now it's 4th
- 30th in terms of floods: (UNDP / Bureau for Crisis Prevention & Recovery-BCPR, 2004)
- Kathmandu, 21st most vulnerable city of the world;
- Natural Disaster HOT SPOT: (World Bank 2005)
- In an average: "1 disaster and 2 deaths per day" (DesInventar data base 1971 - 2007, MoHA - www.desinventar.net)
- Nepal lies on Seismic Active Zone



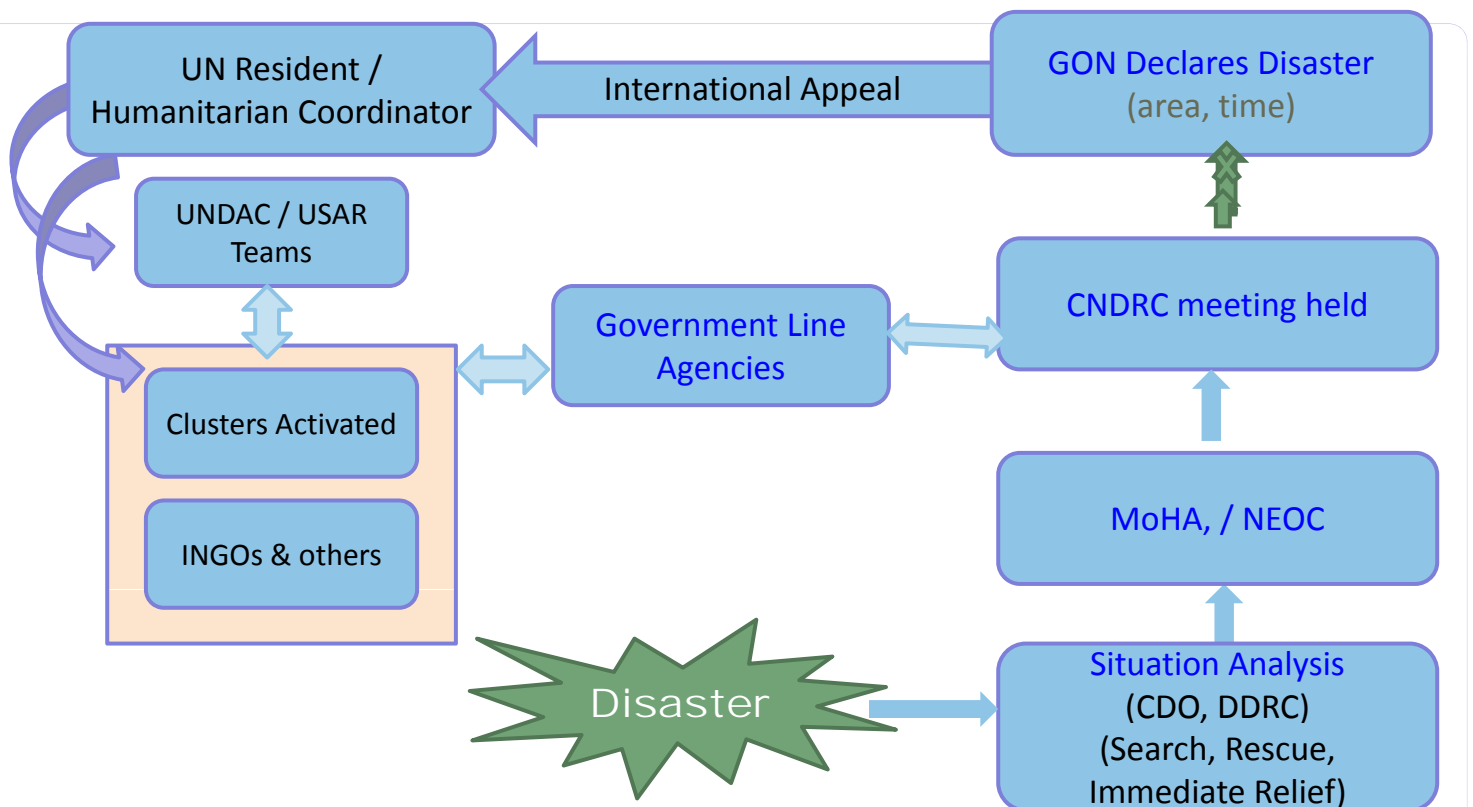
Existing Institutional Instruments

- Natural Calamity (Relief) Act, 1982, till date two amendments in 1989 and 1992
- Local Self Governance Act, 1999
- Government Work Division Regulation, 2012
- National Strategy for Disaster Risk Management, 2009 with 29 Strategies
- Rescue and Relief Standards, 2007, till date two amendments in 2007 and 2012
- National Disaster Response Framework, 2012 with 49 different actions
- Disaster Preparedness and Response Plan Guideline, 2011
- Local Disaster Risk Management Guideline, 2012
- Prime Minister Disaster Response Fund Guideline 2006, 1st amendment 2007
- Post-Disaster Dead-body management Guideline, 2012
- Decision about Open Space in Kathmandu Valley by Cabinet on 2013
- National Strategic Action Plan on Search and Rescue, 2014
- Guideline for the relief to cold-wave victims, 2012
- National Platform on Disaster Risk Reduction in 2008, now turned as a loose-network from 2012
- National Disaster Management Act, 2014 (in process)
- Funds
 - Prime Ministerial Disaster Relief Fund
 - Central Natural Disaster Relief Fund
 - Line Agencies Disaster Relief Funds
 - Local Government Disaster Relief Funds
- NRRC/Five Flagship/11 Clusters/NGOs Networks/DRR Platorm

Institutional Framework (in line with 1982 Act)

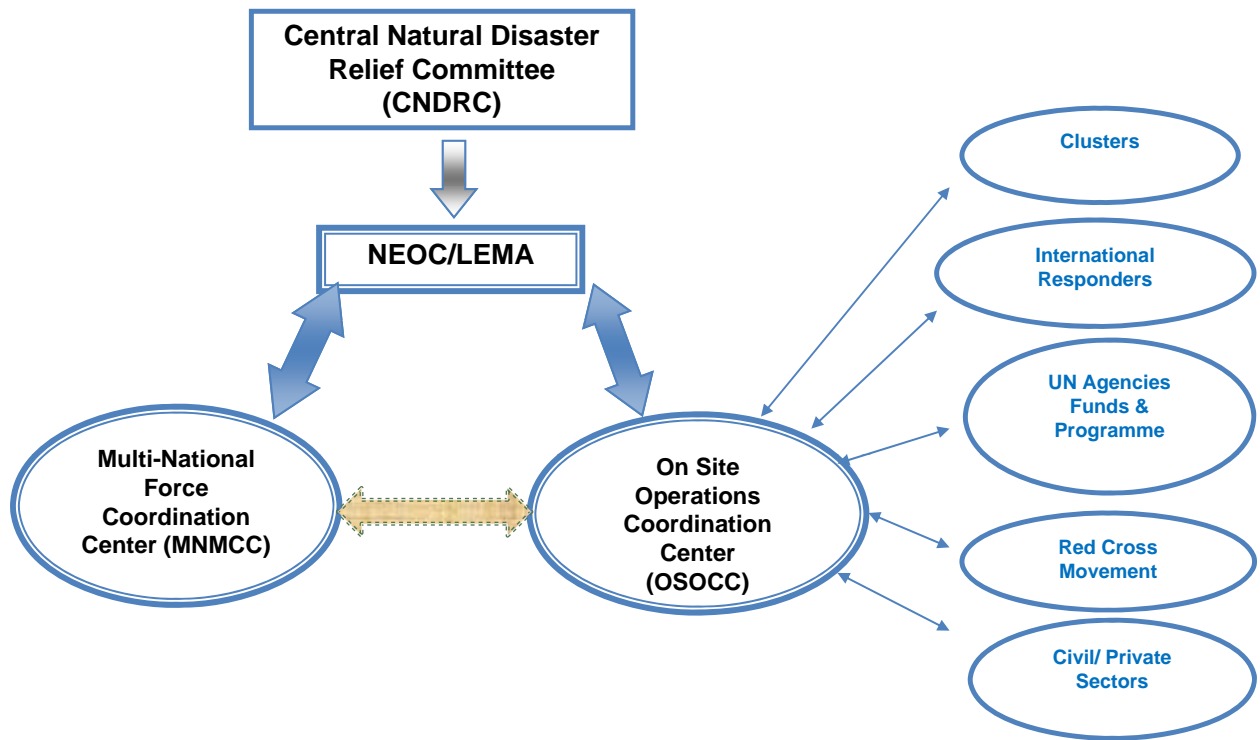


Emergency Response Mechanism (GoN)

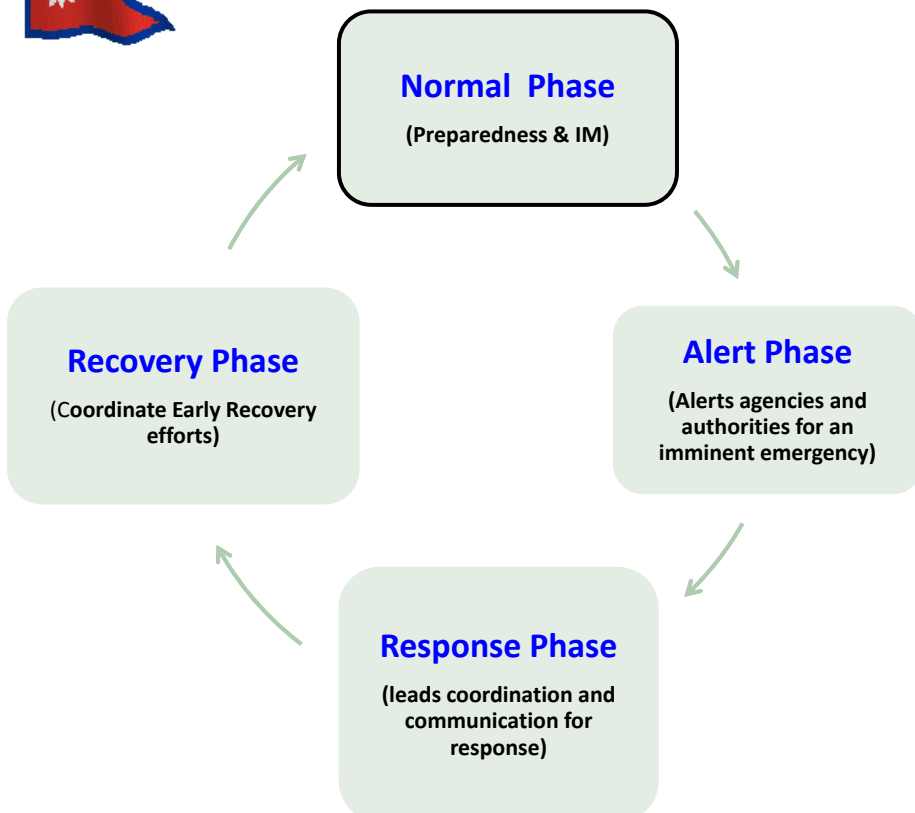




Coordination Structure during Mega Disasters



National Emergency Operation Centre (NEOC)



Disaster Preparedness and Response



- National Strategy on Disaster Risk Management 2009 ;
- Risk Reduction/Flagship Program
 - School and Hospital Safety
 - Emergency Preparedness to Response
 - Flood Management
 - Community Managed DM
 - Policy and Institution Focus
- NRRC/Consortium
- Cluster Approach in DM, 11 Clusters with their contingency plans
- Guidance Note for preparing the Disaster Preparedness Plan;
 - District Disaster Preparedness and Response Plans (DPRP)
 - Local level Disaster Risk Management Plan (LDRMP)
 - District Disaster Management Plan (DDMP)
 - » Initiation of Harmonization
- National Disaster Response Framework with 49 Activities
 - Strategic action plan formulation initiated in line with NDRF
- 83 Open Spaces and more evacuation site
- 36 District, 5 Regional & 5 Municipal EOCs
- National and local level simulations
- GoN and UN has jointly signed an Model Agreement (Customs Procedures);



Unofficial translation

Government of Nepal
Ministry of Home Affairs

National Strategy for Disaster Risk Management, 2009



(Approved on 11 October 2009)



Cont...DPR Initiatives

- National Strategy on Search and Rescue, approved by Cabinet
- National Strategy on Early Warning System (in process)
- Dead Body Management Guidelines
- APF Disaster Management Training Centre
- Tribhuvan International Airport Contingency Plans
- Awareness raising programs at various level
- Common messages for disaster response, along with common disaster frequencies
- DRR Focal Point, assimilation of Environment and DRR Focal Points
- Approved Recovery Framework
- Retrofitting of Public Schools and Hospitals initiated
- Community base DRR initiations

Guidance Note

DISASTER PREPAREDNESS AND RESPONSE PLANNING 2011

Conceptual Framework for Disaster Preparedness Planning



Government of Nepal
Ministry of Home Affairs
Disaster Management Centre



Challenges



Key Challenges /the way forward . . .

Technical and financial capacity to implement plans successfully

Difficult terrain and weak logistics resulting in delayed response

Preparedness to respond, management of warehouses with stockpiling

Trained and consolidated Search and Rescue Team

Communication equipment, transportation in emergency and other infrastructures

Implementation of National Building Codes

Management of evacuation sites, open spaces

Limited Fire Services, strengthen their capacity

Implementation of NSDRM, 2009

Progress accordingly HFA Priority and HFA2

Establishment of National Disaster Management Agency

Strengthening the response mechanism and coordination among Security Forces at all levels;

Enhance better coordination with government and non-government

Way Forward



Implementation of National Disaster Response Framework

Endorsement of EWS Strategic Action Plan and Establishment of Early Warning System

Mainstreaming DRR into development planning, implementation and monitoring & Evaluation

Expand EOCs at regional, district and municipal/ VDC levels

Establish additional warehouses in various strategic locations of the country

Emergency services: Fire and Health Services

Develop USAR Capacities at National and Local levels

Fund raising on the preparedness for humanitarian responses (technical and financial)



Research Topic

Institutions for the Management of Natural Disaster at national level and their respective roles, an experience Sharing between Nepal and Japan, in reference to SAARC countries

Japan	Cabinet Office, Designate one Minister for Disaster Subject
Nepal	Disaster Management Division, Ministry of Home Affairs
Bhutan	Department of Disaster Management, Ministry of Home and Culture Affairs
India	National Disaster Management Authority (NDMA)
Pakistan	National Disaster Management Authority (NDMA)
B'desh	Disaster Management and Relief Division, Ministry of Food and Disaster Management
Maldivs	National Disaster Management Center, Ministry of Defense and National Security Services
Sril'nka	National Disaster Management Center, Ministry of Disaster Management and Human Rights
Afga'tan	Afganistan National Disaster Management Authority (ANDMA)



Thank you
