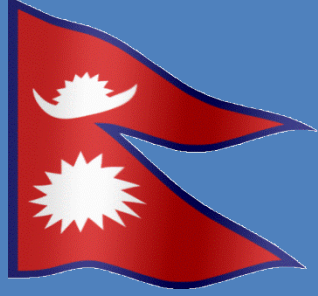


Existing Institutional Arrangements for Rapid Damage Assessment - NEPAL

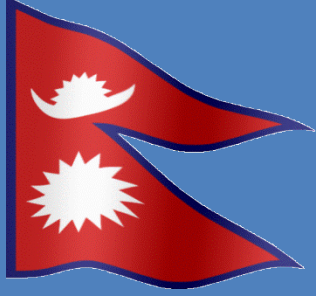
Sunil Karki
Inspector of Nepal
Police



Background Information of Nepal

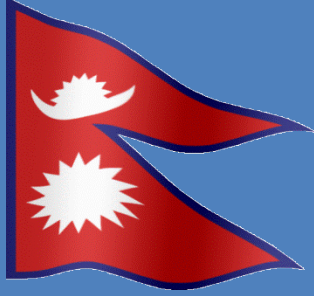
- **Location:-** $26^{\circ} 22'$ - $30^{\circ} 27'$ - north , $80^{\circ} 4'$ – $88^{\circ} 12'$ - south
- **Area:-** 147181 square km.
- **Population:-** 30 million
- **Religion:-** Hindu, Buddhist , Islam, Christian
- **Government System:-** Federal Democratic Republic
 - 7 province
 - 77 Districts
 - 753 local units

Capital City:- Kathmandu



Disaster Scenario

- In top 11th position regarding Earthquake risk.
- In top 30th position regarding flood/landslides risk.
- In top 25th position regarding global warming.
- Kathmandu 1st most vulnerable city in the world.

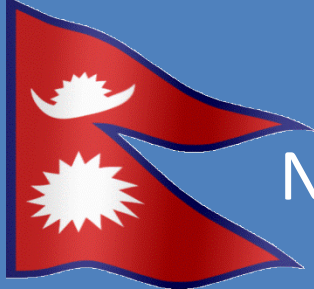


Nepal is disaster prone due to

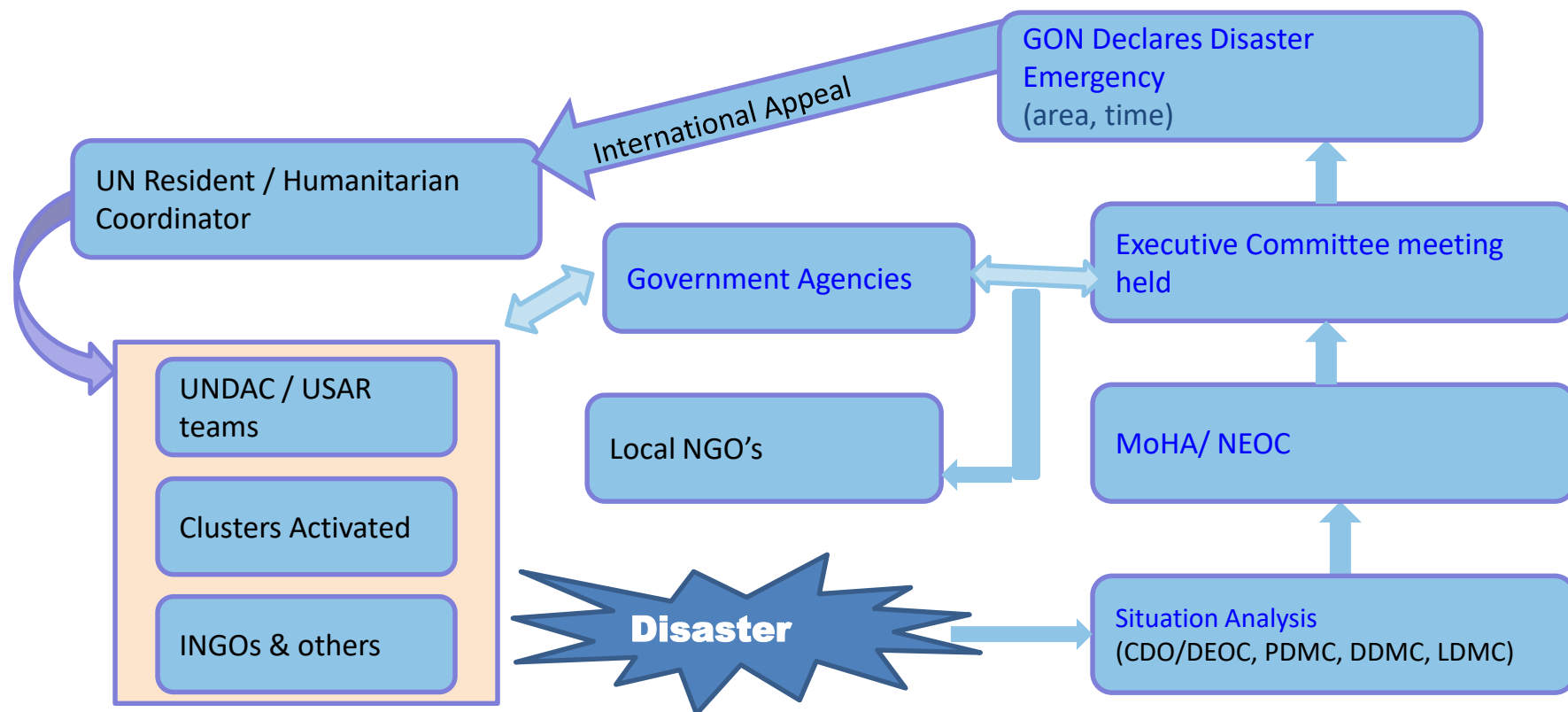
Difficult Geological Terrain, Unplanned settlement
Poor construction practices, Cultivation of unsuitable land

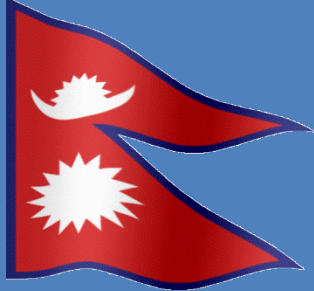


Nepal lies in Seismic Ridge between Tibetan and Indian Plates

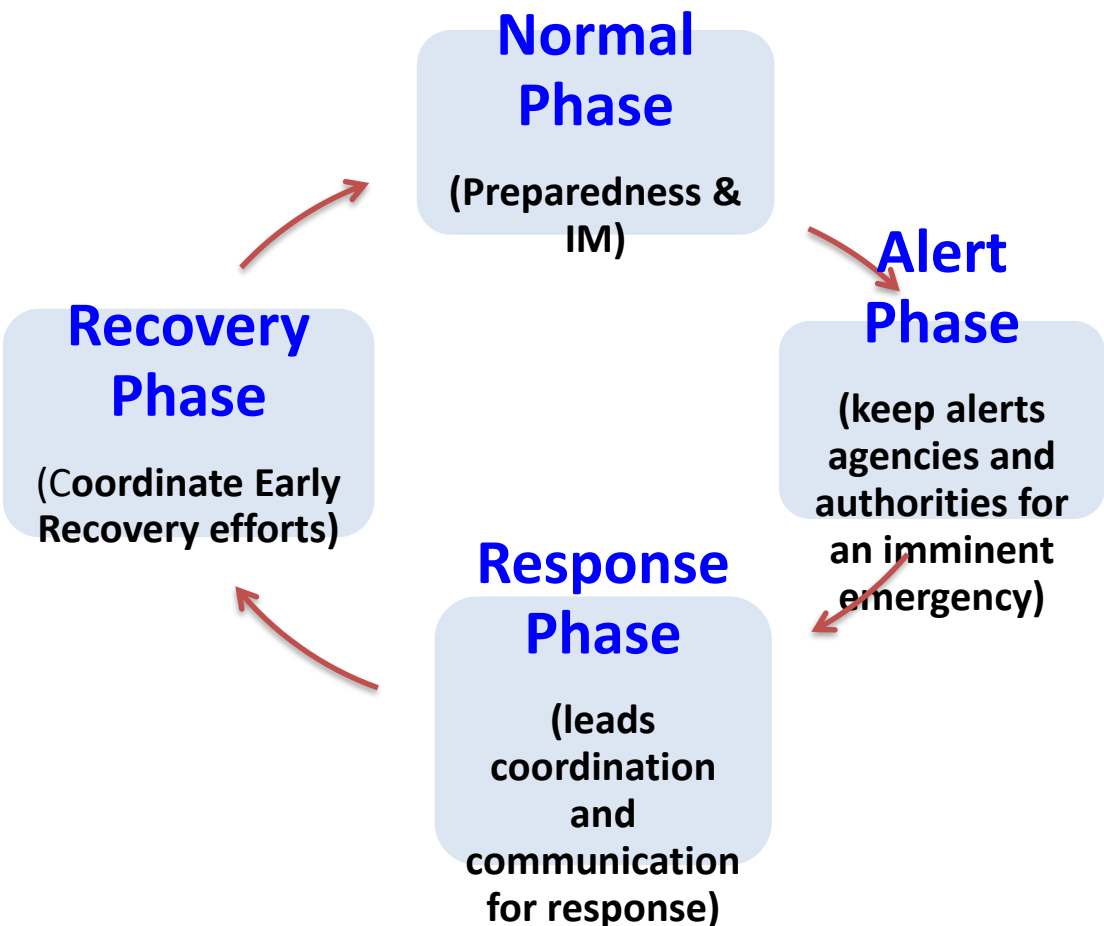


National Emergency Response Mechanism

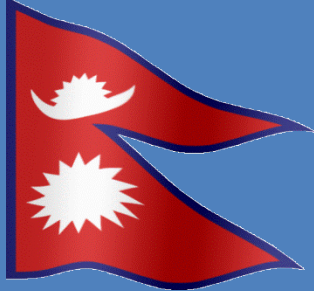




National Emergency Operation Centre (NEOC)

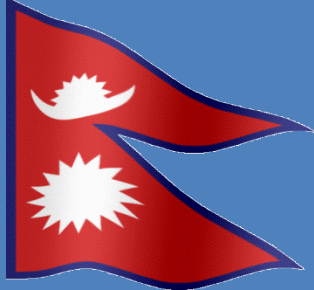


NEOC Activation from level 1 to 4



Levels of NEOC Activation

Activeness Level				
Component	1	2	3	4
Officials and bodies for providing guidelines and advising	Joint Secretary, Disaster Management Department, Ministry of Home Affairs (MoHA)	Secretary, Ministry of Home Affairs	Executive Committee/ Minister, Ministry of Home Affairs	Council of Ministers / Executive Committee
Leadership of the center	Chief, NEOC	Joint Secretary, Disaster Management Department, Ministry of Home Affairs	Secretary, Ministry of Home Affairs	Chief Secretary, Government of Nepal
Nature and Impact of Disaster	Local level	District level	Provincial level	National level (Declaration of emergency)
Example	Heavy monsoon rain and forecast of weather and Taplejung Fire 2014	Sindhupalchowk Jure Landslide, 2014	The then Mid-Western (Surkhet, Banke, Bardiya and Dang) Flood, 2014	Gorkha Earthquake, 2015

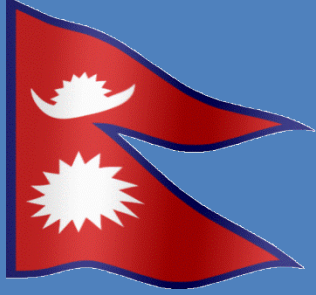


Activation of Cluster

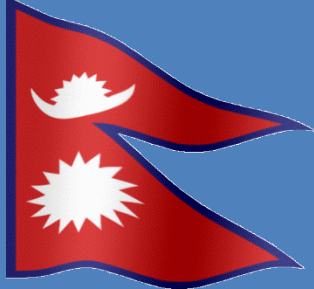
<u>Cluster</u>	<u>lead/co-lead</u>
• SAR and Logistics Cluster	MOHA /WFP
• Health Cluster MOHP /WHO	
• WASH	MOUD/ Unicef
• Nutrition Cluster	MOHP/Unicef
• Emergency Shelter Cluster	MOUD/ IFRC
• CCCM Cluster MOUD/IOM	
• Food Security Cluster MOALD/WFP	
• Education Cluster	MOEST/ Unicef
• Protection Cluster	MOWCSC/UNFPA
• Emergency Telecommunication MOCIT/WFP	
• Early Recovery Network Cluster MOFAGA/ UNDP	

Specific Ministries are assigned for the procurement of relief items.

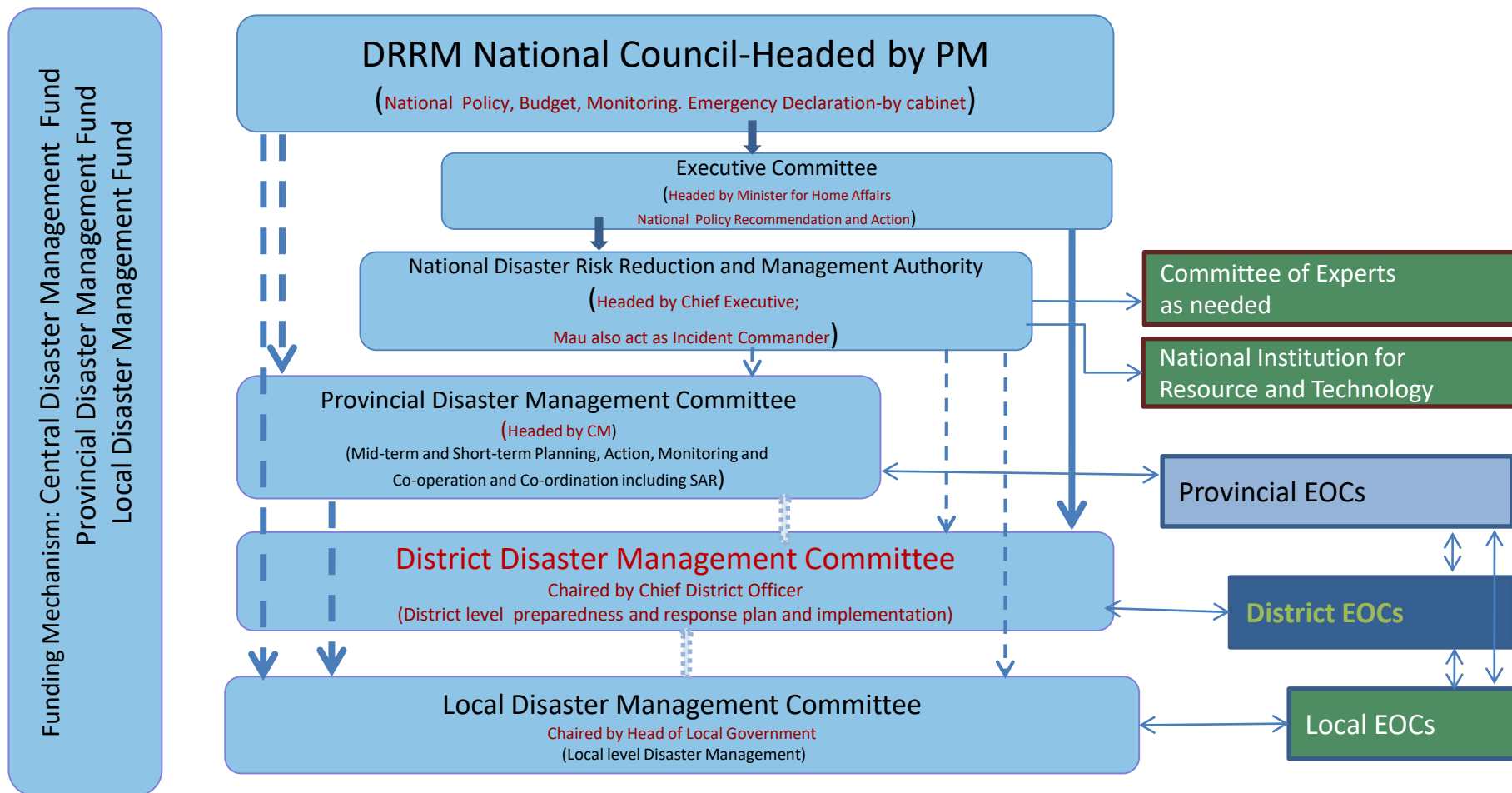
▶ Tarpaulin	
	MOUD
▶ Food Items	
	MOICS
▶ Dry Food	
	MOICS
▶ Health related equipment	
	MOHP
▶ Import of relief items	
	MOFA
▶ Management of heavy equipment	
	MOPIT
▶ Medicine	
	MOHP
▶ Shelter coordination	
	MoHA

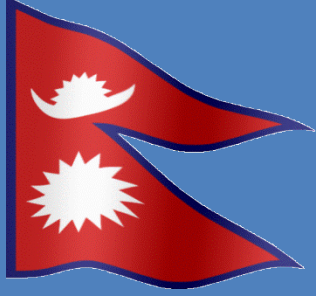


- **84 trained ACT(Assessment Coordination Team) members are listed in DRR Portal who will be deployed for Initial Rapid Assessment in the first stage within 24 hrs.**
- **On the basis of the data collected by these trained members , the government provides the basic aid**



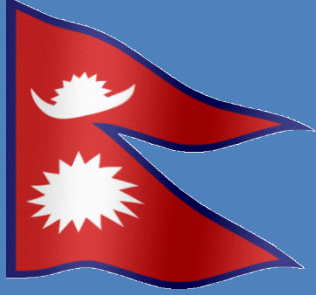
Institutional Linkage Framework



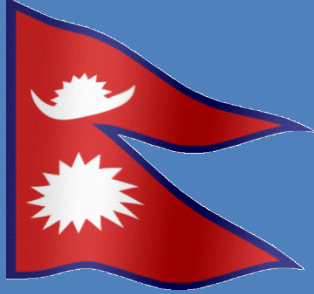


Disaster Management Framework

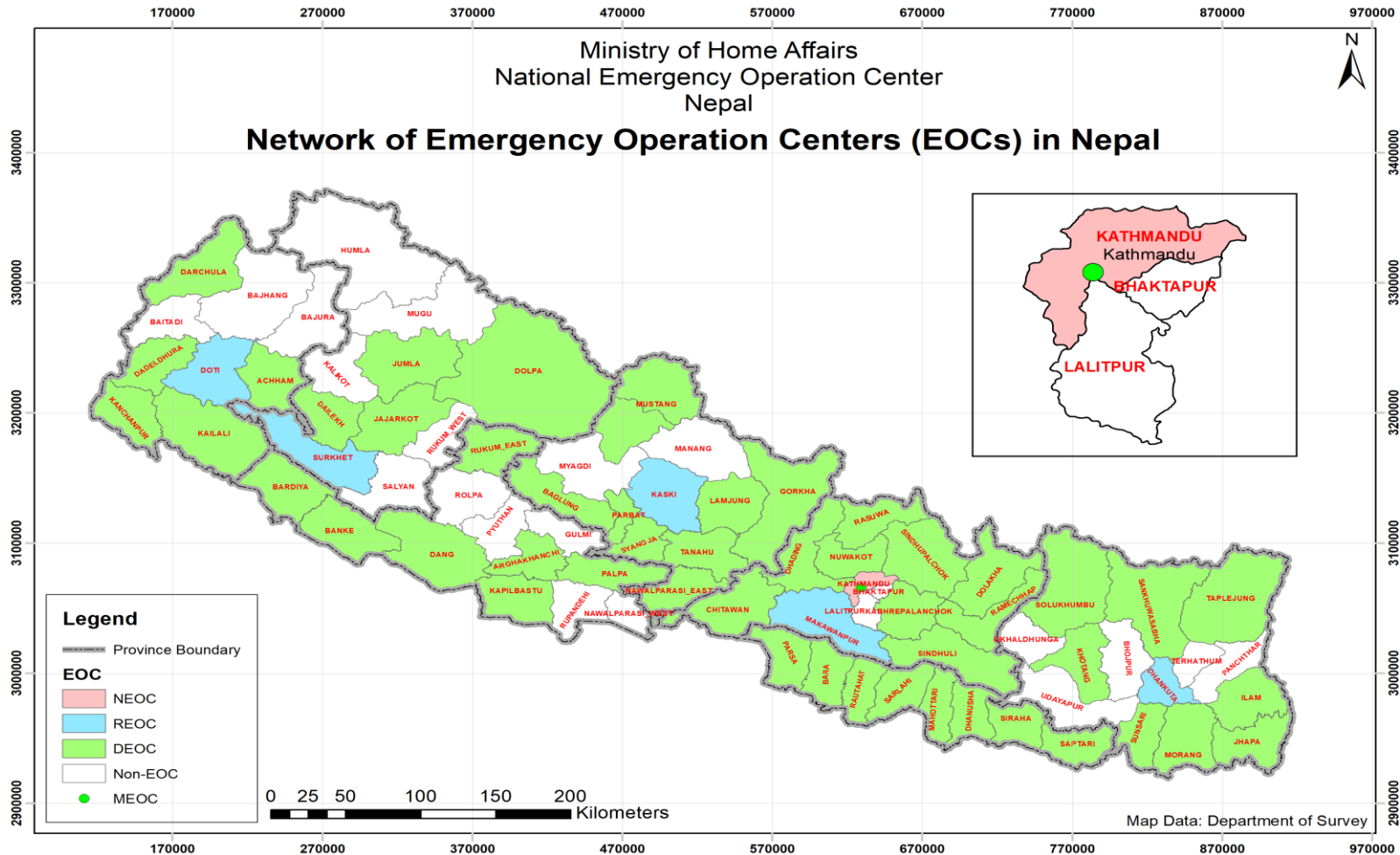
- **Disaster Risk Reduction and Management Act-2072(2015 AD).**
- **National Council For Disaster Management:-**
- **Central Disaster Management Committee:-**
 - **NEOC (National Emergency Operations Centre) :-**
the central coordination and communication point for disaster information.
 - **It is established under Minister of**

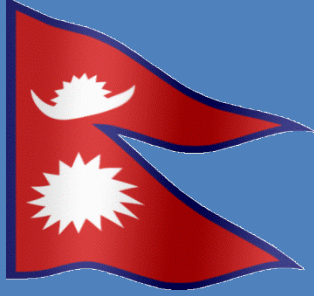


- **Regional Disaster Management Committee:-**
- **District Disaster Management Committee:-**
 - **DEOC(District Emergency Operating Center):-**
 - **So far there are 42 DEOC's established as per the provision in Disaster Risk Reduction**

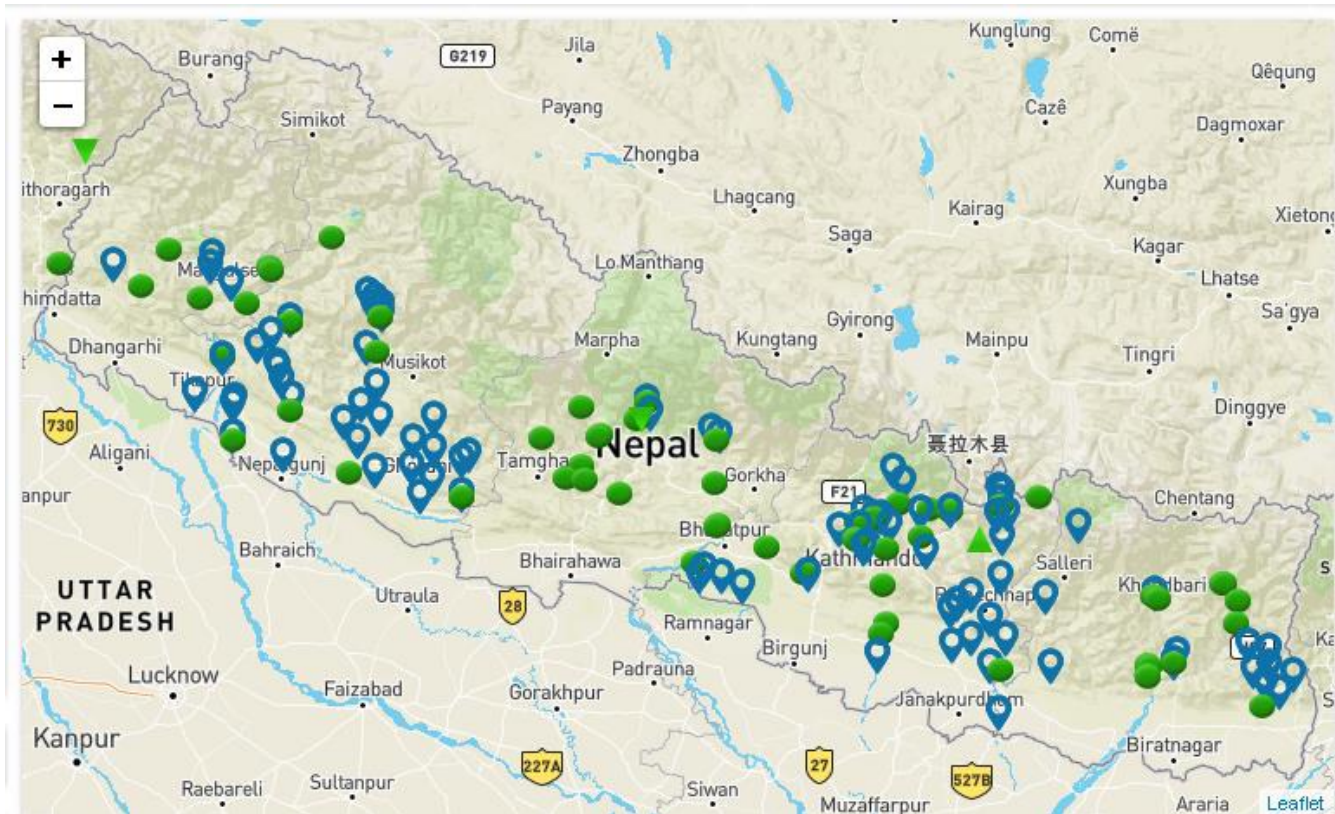


Emergency Operation Centers





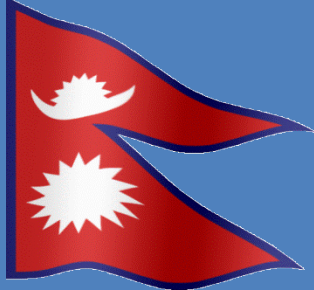
Early Warning Systems



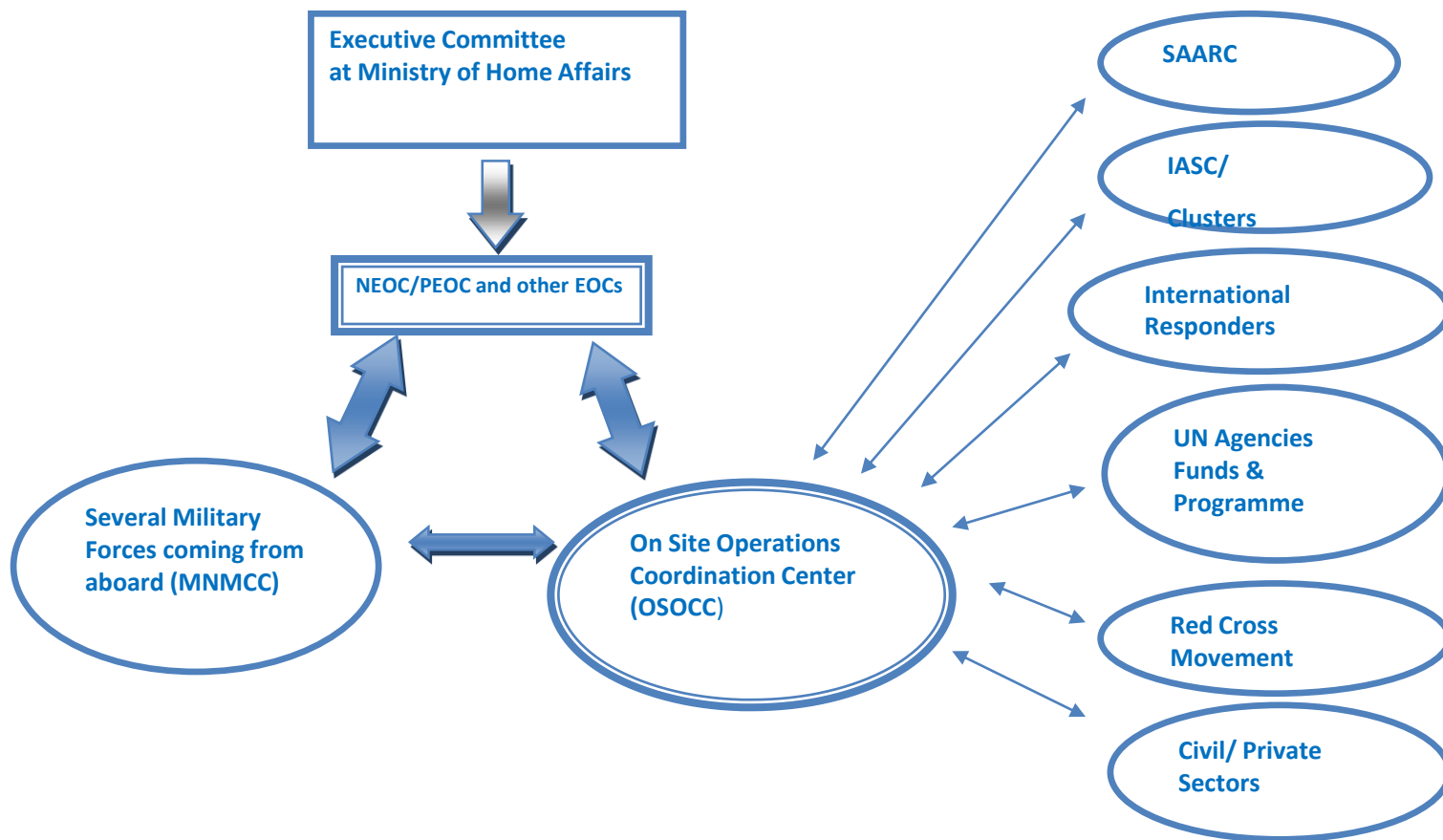
Basin and Station count

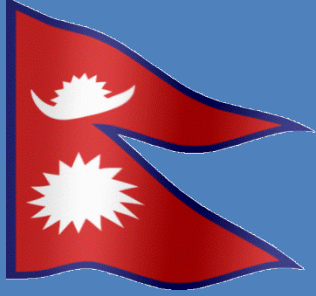
1. Mahakali (2)
2. Karnali (32)
3. Babai (12)
4. West Rapti (10)
5. Narayani (27)
6. Bagmati (20)
7. Kamala (8)
8. Koshi (38)
9. Kankai (7)
10. Biring (1)

Source:
hydrology.gov.np



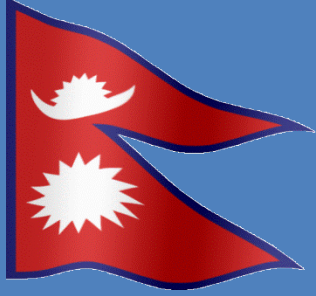
National Coordination Mechanism





National Guidelines

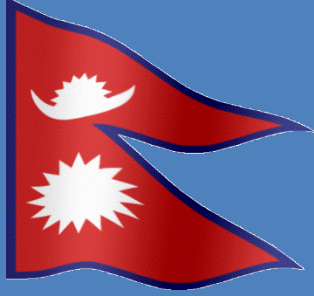
- ▶ Disaster Risk Reduction and Management Act 2017
- ▶ Local Government Operation Act, 2017
- ▶ National Strategic Policy 2018
- ▶ National DRR Strategic Action plan 2018-2030 based on Sendai Framework
- ▶ National Disaster Response Framework (NDRF)
- ▶ SAR based strategic action plan 2014(Need to be revised)
- ▶ Annual Response Plan



Monetary Relief to Victims

- Up to Rs. 50,000 for fully destroyed house from district level and Additional Rs. 50,000 from Central level.
- Rs. 10,000 for immediate relief
- Rs. 100,000 to each family that has lost lives
- Free medicine and treatment at Government Hospitals and travel costs
- Some Amounts are provided by Local Governments too.
- Relief Based on special decisions





Gorkha Earthquake 2015

- An earthquake of 7.6 MI, 7.8 Mw struck with epicentre around Barpak, Gorkha District (40 Second Strong Shaking) at 11:56 local time on April 25, Saturday
- Several aftershock felt, including **6.9 MI on 26 April** and **6.8 MI on 12 May**; the total number of aftershock of greater than 4.0 MI is more then 350 (to-date)
- The tremor was felt all over Nepal, and in Tibet, Sikkim, Bihar, Utter Pradesh and Delhi
- Created devastating impact in the Kathmandu Valley and other more than 30 districts of the country
- After 1934, this was the most devastating quake (after 82 yrs) that the present generation has experienced
- Total Death: 8,970 (In-valley: 1,750, Out-valley: 7,220)
- Injured: 22,309
- House Destroyed: 7,73,095, Damaged: 2,98,998
- SAR Supporting Countries: 34, Saved lives: 19
- Gross Loss: NPR 881 Billions (Arba)



Thank You !