

# National Disaster Response Framework (NDRF)



**Government of Nepal**  
**Ministry of Home Affairs**  
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## Abbreviations and Acronyms

<b>ACC</b>	Association of Construction Contractor
<b>AOAN</b>	Airlines Operation Association of Nepal
<b>APF</b>	Armed Police Force
<b>CAAN</b>	Civil Aviation Authority of Nepal
<b>CBOs</b>	Community Based Organizations
<b>CBS</b>	Central Bureau of Statistics
<b>CCCM</b>	Camp Coordination Camp Management Cluster
<b>CMCC</b>	Civil Military Coordination Center
<b>CNDRC</b>	Central Natural Disaster Relief Committee
<b>DC</b>	Department of Custom
<b>DDA</b>	Department of Drug Administration
<b>DDRC</b>	District Disaster Relief Committee
<b>DEOC</b>	District Emergency Operation Center
<b>DHM</b>	Department of Hydrology and Meteorology
<b>DHS</b>	Department of Health Services
<b>DI</b>	Department of Immigration
<b>DIG</b>	Deputy Inspector General of Police
<b>DLS</b>	Department of Livestock Services
<b>DMG</b>	Department of Mines and Geology
<b>DP-Net</b>	Disaster Preparedness Network
<b>DR</b>	Department of Roads
<b>DT</b>	Department of Transport
<b>DUDBC</b>	Department of Urban Development and Building Construction
<b>DWD</b>	Department of Women Development
<b>DWDO</b>	District Women Development Office
<b>DWIDP</b>	Department of Water Induced Disaster Prevention
<b>DWSS</b>	Department of Water Supply and Sewerage
<b>EDCD</b>	Epidemiology and Disease Control Division
<b>FJ</b>	Federation of Journalists
<b>FNCCI</b>	Federation of Nepalese Chambers of Commerce and Industry
<b>FTA</b>	Federation of Transport Association
<b>GoN</b>	Government of Nepal
<b>I/NGOs</b>	International/Non-Governmental Organizations
<b>IASC</b>	Inter-Agency Standing Committee
<b>ICAO</b>	International Civil Aviation Organization
<b>ICIMOD</b>	International Center for Integrated Mountain Development
<b>IDP</b>	Internal Displaced Persons
<b>IFRC</b>	International Federation of Red Cross and Red Crescent Societies
<b>IHC</b>	International Humanitarian Communities
<b>INSARAG</b>	International Search and Rescue Advisory Group
<b>IOM</b>	International Organization for Migration
<b>IRA</b>	Initial Rapid Assessment

<b>LEMA</b>	Local Emergency Management Agency
<b>MIRA</b>	Multi Cluster Initial Rapid Assessment
<b>MNMCC</b>	Multi National Military Coordination Center
<b>MoAD</b>	Ministry of Agriculture Development
<b>MoCS</b>	Ministry of Commerce and Supplies
<b>MoCTCA</b>	Ministry of Culture, Tourism and Civil Aviation
<b>MoD</b>	Ministry of Defense
<b>MoE</b>	Ministry of Education
<b>MoF</b>	Ministry of Finance
<b>MoFA</b>	Ministry of Foreign Affairs
<b>MoFALD</b>	Ministry of Federal Affairs and Local Development
<b>MoFSC</b>	Ministry of Forest and Soil Conservation
<b>MoHA</b>	Ministry of Home Affairs
<b>MoHP</b>	Ministry of Health and Population
<b>MoIC</b>	Ministry of Information and Communication
<b>MoLJ</b>	Ministry of Law and Justice
<b>MoPPWTM</b>	Ministry of Physical Planning, Works and Transport Management
<b>MoSTE</b>	Ministry of Science, Technology and Environment
<b>MoUD</b>	Ministry of Urban Development
<b>MoWCSW</b>	Ministry of Women, Children and Social Welfare
<b>NA</b>	Nepalese Army
<b>NDRF</b>	National Disaster Response Framework
<b>NEA</b>	Nepal Electricity Authority
<b>NEOC</b>	National Emergency Operation Center
<b>NFC</b>	Nepal Food Corporation
<b>NFIs</b>	Non-Food Items
<b>NHRC</b>	National Human Rights Commission
<b>NOC</b>	Nepal Oil Corporation
<b>NP</b>	Nepal Police
<b>NRCS</b>	Nepal Red Cross Society
<b>NS</b>	Nepal Scout
<b>NSC</b>	National Seismological Center
<b>NST</b>	Nepal Science and Technology
<b>OCHA</b>	Office for the Coordination of Humanitarian Affairs
<b>OPMCM</b>	Office of Prime Minister and Council of Ministers
<b>OSOCC</b>	On-Site-Operation Coordination Center
<b>RDRC</b>	Regional Disaster Relief Committee
<b>RSS</b>	<i>Rastriya Samachar Samiti</i>
<b>SAARC</b>	South Asia Association for Regional Cooperation
<b>SAM</b>	Severe Acute Malnutrition
<b>SAR</b>	Search and Rescue
<b>SC</b>	Save the Children
<b>SDMC</b>	SAARC Disaster Management Center
<b>SMS</b>	Short Message Service

<b>SWC</b>	Social Welfare Council
<b>TV</b>	Television
<b>UN HC</b>	United Nations Humanitarian Coordinator
<b>UNDP</b>	United Nations Development Programme
<b>UNDSS</b>	United Nations Department of Safety and Security
<b>UNFPA</b>	United Nations Population Fund
<b>UNHCR</b>	United Nations High Commissioner for Refugees
<b>UNICEF</b>	United Nations Children's Fund
<b>UNISDR</b>	United Nations International Strategy for Disaster Reduction
<b>USAR</b>	Urban Search and Rescue
<b>VDC</b>	Village Development Committee
<b>WASH</b>	Water, Sanitation and Hygiene
<b>WFP</b>	World Food Programme
<b>WHO</b>	World Health Organization

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## 1. Background

Disaster relief activities in Nepal are carried out being based on the Disaster Relief Act 1982. This National Disaster Response Framework is prepared to implement and coordinate a response plan of national level disaster by ensuring all the elements of disaster management cycle and allocate appropriate role for governmental and no-governmental organizations.

## 2. Objectives and Scope

1. The purpose of this framework is to guide more effective and coordinated national response in case of a large scale disaster.
2. The scope of this framework consists actions taken immediately before, during and after the disasters, or directly to save lives and property; maintain of law and order; care of sick, injured and vulnerable people; and provide of essential services and protect the public property.
3. The scope of this framework is limited to the response preparedness and emergency response at national, regional, district and local level.

## 3. National System for Disaster Response

1. Disaster Relief Act 1982 and Local Self Governance Act 1999 are the basic current legal provisions for disaster response in Nepal.
2. Natural Calamity Relief Act 1982 mandated the Ministry of Home Affairs as a lead agency for immediate rescue and relief works as well as disaster preparedness activities. According to Nepal Government's Regulation for Roles Division 2007, MoHA is entirely responsible for disaster management. Hence, the MoHA has been coordinating the activities of disaster preparedness and rehabilitation after disaster.
3. The national strategy for disaster risk management is formulated in 2009 to develop Nepal as a disaster-resilient country.
4. The Cabinet shall declare, based on the recommendation of the Central Disaster Relief Committee, the state of emergency when the area is affected by the natural calamity and beyond the capacity of Government of Nepal (GoN). The government shall appeal for international assistance.
5. The disaster fund for emergency response is channelized from the Natural Calamity Relief Fund at central, regional, district and local level. Prime Minister Relief Fund and Emergency Fund are also mobilized for disaster response during emergency. In addition, the disaster funds are allocated by international and national humanitarian communities for disaster response. Considering the context of both of the above funds shall be mobilized, establishment of funds for central,

regional, district and local level disaster response have been realized.

6. The formation of Central Natural Disaster Relief Committee (CNDRC), Regional Disaster Relief Committee (RDRC), District Disaster Relief Committee (DDRC) and Local Disaster Relief Committee (LDRC) based on Natural Calamity Relief Act 1982 for the overall disaster response in Nepal. Additionally, supply, shelter and rehabilitation, relief and treatment sub-committees shall be established. Emergency operation centers are functional at National, regional, district and municipal level for information collection on disaster management, analysis, flow and coordination.
7. According to provision of Local Self Governance Act 1999, local authorities (DDC, VDC and Municipality) are playing roles of disaster preparedness and response.

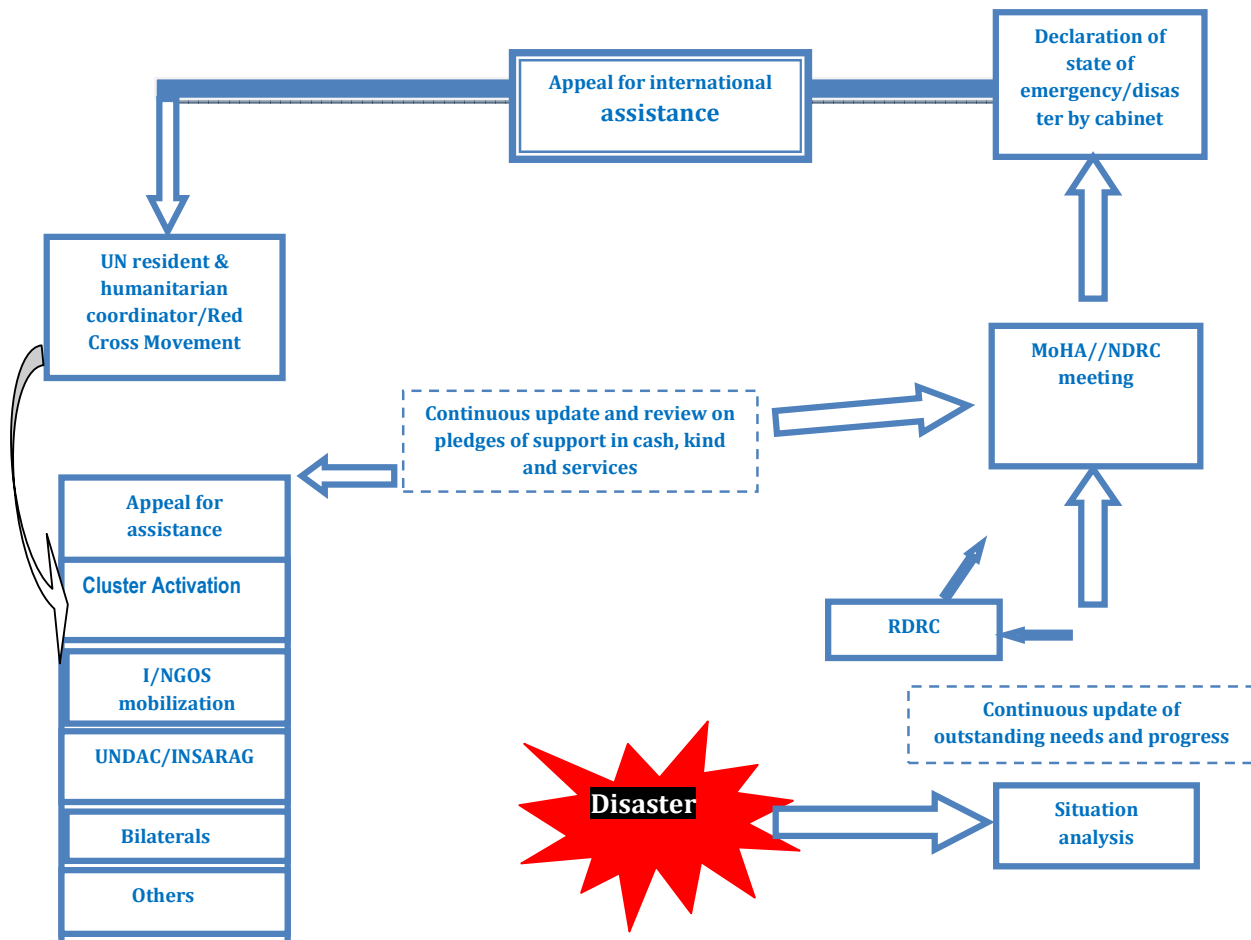
#### **4. International Assistance for Disaster Response**

1. If required, the Government of Nepal may request to UN Humanitarian Coordinator, international governments, Red Cross Movement, regional organizations, donor communities, I/NGOs, international professional organizations, non-resident Nepalese for international assistance in cash or kind or services to respond to disaster.
2. According to appeal of Nepal government, the UN and Red Cross Movement shall appeal for international assistance for disaster response.
3. Government of Nepal shall facilitate and coordinate the International Humanitarian Communities by registration of agencies and allocating areas of cooperation that will be guided by to be developed guideline for international assistance.
4. The government shall organize appropriate management for relief goods, life saving equipments and search and rescue equipments received through international humanitarian communities, as per the Model Agreement for Emergency Customs Procedure, 2007 between Nepal Government and the UN.
5. Government of Nepal shall facilitate the provisions of granting immediate visa, at entry points to International Humanitarian Communities (IHC). In addition, the Government of Nepal shall facilitate and take appropriate action for the issuance of transit visa for IHC and port facilities for relief and rescue materials coming to Nepal via India with Government of India during the disaster.

- During the large scale disaster, UN Humanitarian Coordinator shall activate the UN cluster system of Nepal. Government of Nepal shall nominate the full time focal person to respective cluster in order to respond to disaster through a coordinated cluster approach.

## 5. National and International Assistance and Coordination Framework

- The working modality of disaster response using in-country resources and capacities and with international assistance will be as below:



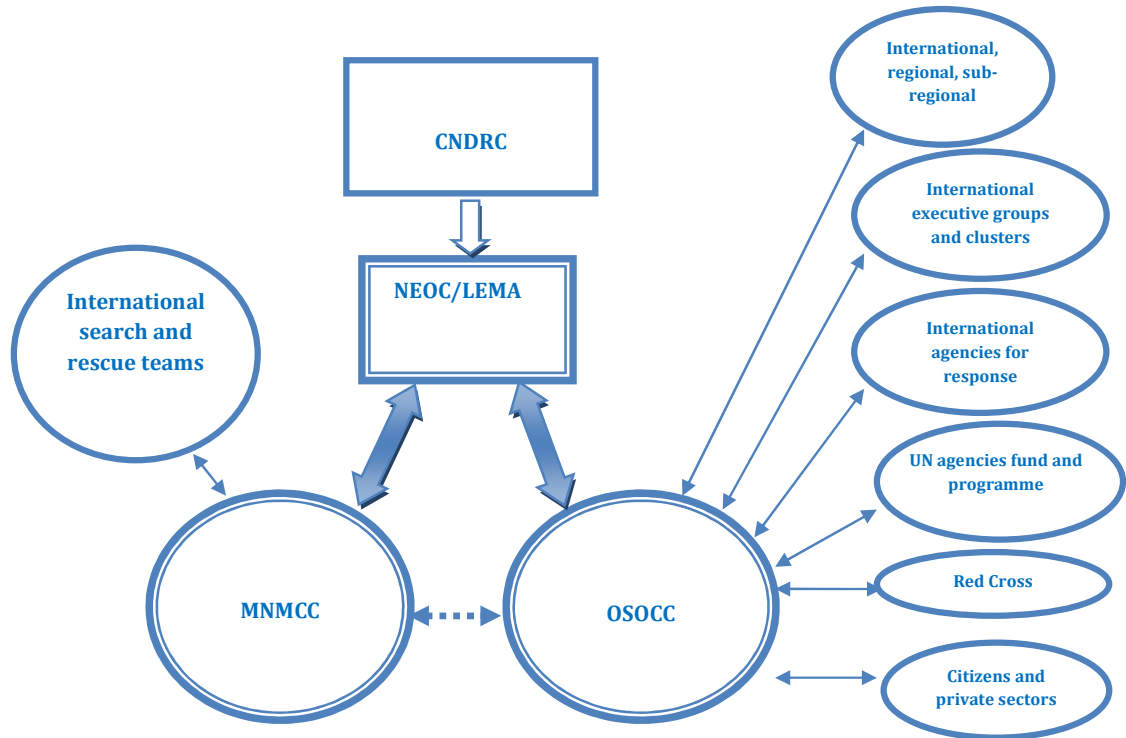


2. The Cluster Coordination Structure of Nepal is presented below:

Name of cluster	Health	WASH	Shelter	Food security	Logistics	CCCM	Education	Protection	Telecom	Nutrition	Early Recovery
GoN lead	MoHP	MoUD	MoUD	MoAD	MoHA	MoUD	MoE	MoWCS/NH RC	MoIC/WFP	MoHP	MoUD
Co-Lead	WHO	UNICEF	IFRC/UNHA BITAT	WFP/FAO	WFP	IOM	UNICEF/SC	UNHCR, UNICEF, UNFPA	WFP	UNICEF	UNDP

3. UN international search and rescue teams (UN-INSARAG) coming to the country in response to the appeal of the government and UN Disaster Analysis and Coordination (UNDAC) members will be coordinated by UN humanitarian coordinator as per instruction of the government of Nepal.
4. The government shall ensure coordination and reception center at airport and shall allocate the base camp areas to the above mentioned team members.
5. The international search and rescue teams and humanitarian assistance team members coming to Nepal shall inform the NEOC in advance about their working duration in the country.
6. The NEOC shall prepare a priority action plan for the search and rescue equipments and team members, and humanitarian assistance team members arriving and departing by air or road.
7. The government shall organize bilateral and multilateral agreement with the neighboring and other countries for facilitating the arrival process of international search and rescue teams, as needed.
8. The government may appeal for the international military service as per the Guidelines for Accepting International Military Assistance/Guidelines for Civil Military Defense Assets, if required.
9. In the time of large scale disaster, coordination mechanism among

NEOC/LEMA, OSOCC and MNMCC will be automatically established. In such the situation the NEOC will work as secretariat of NDRC and also act as coordination center. NEOC may invite the search and rescue teams, and humanitarian agencies to discuss on ongoing operation. Coordination management center of disaster affected area and communication center of various military's coordination center is communicated through the NEOC. The mechanism will be as per below:



10. Contact person for each of the above mentioned agencies will be different. In the time of mega disaster the contact persons shall regularly study, analyze and evaluate the situation. Similarly, the contact persons shall coordinate with the national level line ministries, departments, offices, and several entities including international agencies to make the disaster preparedness and response more effective.
11. Assigned contact persons for disaster preparedness and response at different offices shall be proactive at the time of mega disaster and contact the NEOC immediately.
12. OSOCC shall maintain relationship between government and international responders for facilitation for international response activities, provided working forum for cooperation and exchange information. The UN humanitarian coordinator shall assign specific person and authority for overall coordination.

13. The government may accept or reject the search and rescue equipments and teams as well as humanitarian assistance team members and materials based on the prevailing situation.
14. INGOs coming or came to Nepal for humanitarian assistance, shall provide assistance and service through government offices, local authorities or NGOs under governmental instruction.
15. The MNMCC shall mobilize military resources under the leadership of Nepal Army and in coordination with NEOC and OSOCC.

## 6. Special Arrangement for National Disaster Response

Special arrangement for effective framework for disaster response shall be as per below:

1. Preparedness for disaster response includes early information, analysis and flow of information, preparation for damage assessment, awareness and capacity enhancement, coordination and prepositioning of logistics and relief materials etc. Responders are responsible for accomplishment of those actions within specified timeframe.
2. Emergency response of humanitarian assistance includes coordination, assessment, search and rescue, logistics, healthcare hygiene and sanitation, shelter, road, electricity, airport, water supply, telecom, rehabilitation of heritages, maintaining registration and record of displaced people, food, non food items, medicines, fuel supply, protection of the vulnerable people, nutritious food for below 5 children, care for children and lactating mothers, safety, evacuation and arrangement of safe open spaces, fire control, debris and dead body management etc. Carrying out those actions based on the national and international standard are the major responsibilities of the responders.
3. Relevant ministries, departments, sections, clusters, Red Cross Movement, I/NGOs and CBOs shall be responsible for pre-agreed assignment.
4. The NEOC shall keep record and analyze the existing organizational capacity such as experts' roaster, search and rescue teams equipped with essential equipments, list and capacity of hospitals, blood transfusion and stock, emergency communication system and ambulance service.
5. During the emergency response, NEOC shall be activated in the time of emergency of **level 4** as stated in NEOC Standard Operating Procedure; command post establishment within NEOC compound; deployment of Disaster Response Focal Points from the concerned ministries at NEOC; establishment of media management center within the Emergency Operation Centers; appropriate arrangement for relief supply; DEOC activation and networking; information dissemination by TV, Radio,

and SMS; and regular information updates to public and disaster victims.

6. The Emergency Executive Members Meeting shall be conducted immediately once the incident report received from DDRC. The meeting shall be chaired by Secretary (MoHA), and other members include Joint Secretary (Disaster Management Division), Chief (NEOC), and Chief (Disaster Management Section) who shall analyze the situation based on the incident report to flag out the extent of disaster situations and make decision for coordination and further actions.
7. The command post shall be established within the compound of NEOC in order to mobilize the rescue and relief work immediately. The command post team shall be led by Chief (Joint Secretary) from the Disaster Management Division, and other members include Brigadier General from the Directorate of Military Operation, Nepalese Army; DIG from Nepal Police; and DIG from Armed Police Force.
8. The Head of NEOC shall work as a focal person for the disaster response operation in disaster situation. The focal persons from different line ministries, departments, security forces shall work under the leadership of head of NEOC.
9. The NEOC shall facilitate and coordinate different ministries, departments and offices for early recovery actions parallel of this framework to support Emergency Response Operations.
10. The Government of Nepal may review and amend this framework in the recommendation of NDRC.
11. Monitoring and evaluation of rescue and humanitarian assistance related activities shall be organized at national and district level. The NDRC shall monitor and evaluate the national level operation. The DDRC shall monitor and evaluate the local level operation. The RDRC shall monitor and evaluate the district level operation. District level integrated information shall be reported to the NDRC.
12. This framework shall be effective immediately after the GoN (cabinet) approves after the recommendation of NDRC.

## **7. National Disaster Response Framework**

1. As soon as having been received the information about anticipated disaster, the following authorities shall be leading for the following tasks.
2. The NDRC, RDRC and DDRC shall organize a meeting according to need and make appropriate arrangement for coordination with national and international GOs and I/NGOs.
3. The national, regional, district and municipal level operation centers shall organize coordination for making the response operation effective.

4. MoHA and its DM section including following authorities shall play appropriate auxiliary roles being based on the mandate:
  - a. NDRC members, Finance Ministry, MoFA, Defense Ministry, MoHP, MoFALD, MoAD, NHRC, Social Welfare Council, Department of Immigration, Department of Water Induced Disaster Control, Department of health Service, Department of Livestock, Department of Mines and Geology, Department of Hydrology and Meteorology, Department of Road, Department of Drugs Administration, Central Bureau of Statistics, Department of Health Service, DUDBC, Nepal Seismological Center, Garbage Technical Cooperation Center, National Trauma Center, Nepal Army, Nepal Police, Armed Police Force, Fire Brigade Offices, Urban Search and Rescue Teams, Regional and District Disaster Rescue Team Members, DDD offices, VDC and Municipal offices, Civil Aviation Authority, Nepal Food Corporation and other Ministries, Departments, GOs and I/NGOs.
  - b. UN agencies including Humanitarian Coordinator (UNOCHA, UNDP, UNICEF, WHO, WFP, FAO, UNFPA, IOM, UNHABITAT, UNHCR, UNDSS), relevant clusters, Multinational Organizations, ICIMOD, Diplomatic Missions in Nepal, SAARC, INGOs, Red Cross Movement, ICAO, and other international organizations.
  - c. Nepal Red Cross Society, Nepal Scout, Private and Governmental Hospitals, Nepal Academy of Science and Technology, DP-Net Nepal, Communication Medias, Community Organizations, Community volunteers, Radio Nepal, Himalayan Rescue Association, Mountaineering Training Institute, Airlines Association, Nepal Medical Council, Nepal Nursing Council, Contractors' Association, Transport Association, Federation of Nepal Chamber of Commerce and Industry, Telecom providers, Nepal Engineering Association and other specialized organizations.
  - d. The following actions after disaster shall be carried out under the leadership of the following organizations in coordination with the above mentioned organizations.

<b>Time frame</b>	<b>Activities</b>	<b>Responsible Leading Agency</b>
0-1hr	Information about earthquake	National Seismologic Center
	Household fire & instruction of response to fire	DDC/VDC/Municipal offices
	Instruction for search & rescue and deployment security forces	DDRC & security forces
	Authentic info of disaster & public announcement of rescue efforts	MoHA/NEOC
	Establish and transmit automatic emergency message via electronic media	MoIC/MoHA
0-7hrs	Information about weather induced disaster	Department of Hydro & Meteorology
	Information collection and flow	CDO/DDRC
	DDRC meeting	CDO/DDRC
	Emergency meeting of relevant officers at HoHA	MoHA/NEOC
	Activate NEOC and operationalize as per SOP	HoHA/NEOC
	Public service announcement by radio.TV, SMS for factual EWS, emergency warning, ongoing rescue operations & public announcement. If needed, communicate to abroad, timely transmitting of such info	National, Regional, District and local emergency operation centers
0-24hrs	In case of epidemic, info to public and response	Department of health Service/Epidemic & Disease Control Division
	Instruction and coordination for epidemic of livestock	Department of livestock
	Information flow about atomic, bio and chemical hazards and rescue the affected people	Ministry of Science, Technology and Environment
	Coordination for possible national international assistance	NDRC
	Operationalize the NEOC for cooperation center for disaster response	NEOC
	Deployment of search and rescue teams	NEOC and security forces
	Provide first aid service to the injured on the spot	NRCS/hospitals
	Ambulance service, emergency first aid & immediate transportation of injured	MoHP
	Transportation and treatment of severely injured people immediately	MoHA and hospitals
	Fire control	Municipalities & fire brigades
	Emergency declaration (defining basis and process) based on recommendation of NDRC	Cabinet
	Carrying out initial rapid assessment	NEOC
	Activate UN cluster system	UN humanitarian coordinator
	Appeal for national and international assistance	Cabinet
	Assigning National, Regional, district level operation centers for information management focal point	NEOC/REOC/DEOC
Airport safety and Civil Aviation Traffic management	Civil Aviation Authority	

		Nepal
0-24hrs	Road maintenance for minimum service	Department of road
	Crowd management for open spaces and guide affected people to nearest camp site	Search and rescue teams/ security forces
	Handover of dead body of tourist, diplomats & foreigners and communicate to other affected areas	MoFA
24-48hrs	Transportation arrangement for search, rescue and relief items	Department of Transportation Management
	Provide and insure food items for affected and IDPs	MoCS
	Registration and facilitation for International Relief items providers, transporters and international humanitarian workers	MoFA/Department of Immigration
	Arrangement for visa fee and custom exemption for international humanitarian assistance community at entry point, coming by air or road.	Department of Custom/Immigration
	Coordination for easy implementation of acquisition and transportation of relief items	NEOC/DEOC
	Electricity supply to the basic services such as hospitals, health centers, IDP camps, and schools	Nepal Electricity Authority
	Establishment of temporary hospitals at affected areas	Division of diseases control
	Water supply, hygiene and health promotion to the hospitals, health centers, IDP camps, schools and settlement areas.	Department of Water Supply and Sewerage
	Management of biological, solid waste and debris management	Garbage Management Center
	Protect and maintain law and orders at warehouses, IDP camps, personal residences, humanitarian service providers and assets	MoHA
	Registration of affected families, provide ID card and maintain records	DAO/DEOC
	Manage emergency communication system and repair the regular communication system earliest possible.	MoIC
	48-72hrs	Detail assessment of infrastructure and services such as hospitals, schools, health care providers, road, bridge
Debris management		Municipalities/VDC
Collection and management of dead body of livestock		Municipalities/VDC
Carry out search and rescue, provide food and nonfood items and approved relief money to meet immediate need		DAO/DDRC
72hrs-7days	Dead body management according DBM Guidelines, provide economic support and issues death certificate	DDRC
	Special attention towards possible gender based violence at different places such as affected areas, IDP camps, relief distribution sites, during search and rescue. Arrange special protection for the elderly, children and disables	MoWCSW
	Initiate multi-sector initial rapid assessment	UN humanitarian coordinator
	Distribution of utensils, fuel, clothes, blanket, health hygiene kit for family, women and children	NRCS

7days – 2weeks	Establishment of temporary camp in pre-identified locations, manage the IDPs by taking them to safe and open spaces	MoUD
	Make appropriate arrangement for possible malnutrition in the children staying at camps	MoHP
	Control communicable diseases in camps and open spaces caused by open defecation in	Division of diseases and epidemic control
	Monitor and prepare report of rescue and relief done for humanitarian assistance	DDRC
	Ensure favorable and conducive environment for affected and vulnerable groups, make special arrangement for controlling gender based violence	MoWCSW
	Provide psychosocial support and treatment for the affected persons	MoHP
	Restore family link, take care of unaccompanied children	MoWCSW
2weeks- 1months	Provide cash and other relief support to disaster affected communities as per approved standard	DDRC
	Operationalize schools, create conducive environment to take the children to schools and facilitate for making their life normal	MoE
	Hospital, school, security, utilities and other essential human needs at camps	DUDBC
	Create appropriate environment for developing major areas such as settlement and livelihood for immediate rehabilitation by doing study, assessment and analysis	DUDBC
	Prepare a comprehensive report of disaster incident, search and rescue operation, relief and immediate assistance, camp management and rehabilitation initiatives	MoHA



## 8. Future Courses of Actions on Emergency Response Preparedness

S. No.	Activities	Leading Agency	Coordinating/Auxiliary agencies	Timeframe
1	Prepare plan of action for preposition of Fuel Stock near/access to NEOC/REOC/DEOC	NOC	MoCS, security forces, Petroleum Dealers Association, Sajha Petrol Pump	3months
2	National Strategy on Early Warning System Finalization and Endorsement	MoSTE	MoHA , DHM	Within 6 months
3	Development of Emergency Communication Strategy	MoIC	MoHA, NEOC/REOC/DEOC, NRCS, DP-Net, IOM, WFP, Donor Agencies	Within 6 months
4	Preposition of Food items at regional and district level.	MoCS	MoHA, Local Government, NRCS, I/NGOs, Donor Agencies	Within 6 months
5	Simulation exercises and drills plan	NEOC	NRCS, Security Forces, DDRC Local Government, Humanitarian Cluster Members, I/NGOs, Donor Communities	Within 6 months
6	Response Focal Point Establishment	NEOC	MoHA, Concerned Ministries and Departments, Local Government, Security Agencies, UN Agencies, Red Cross Movement, Donor Agencies	Within 6 months
7	Agreement with Kolkata port authority and Western Indian Railways to fast track relief consignments/cargo to Birgunj dry port on large scale disaster response	MoPPW, MoTM	MoHA, MoFA SDMC, UN Country Team, UN Cluster and Member Agencies	Within 6 months
8	Debris clearance and planning	Local Governments	MoHA, Local Governments, Logistic cluster and cluster members	Within 6 months
9	Prepare plan for temporary bridges, access roads to facilitate search, rescue and relief	Nepal Army	MoPPW, Nepal Police, Armed Police, NRCS and Local Governments	Within 1 year
10	Testing of Early Warning System between Technical Agencies and NEOC	MoSTE	MoHA ,MoSTE, DMG, DHM, NSC, UN Clusters and Member Agencies, OCHA	Within 1 year
11	Resource Inventory and Assessment of institutional capacities (roster of experts; USAR equipments; list of hospitals and its capacity, and Ambulance) based on the roster policy for preparedness, response and recovery phases.	NEOC	MoHA, MoFALD, Local Governments, NA, NP, APF, Medical Council, Nursing Council, Hospitals, NRCS, OCHA & Donor Agencies	Within 1 year
12	Identification and site planning of open evacuation sites, and collective centers; evacuation routes mapping	MoUD	MoHA DUDBC, DWSS, DHS, DR, Local Government, Security Agencies, NEA,	Within 1 year

	in major cities of Nepal		Telecommunication Authority, NRCS, IOM, I/NGOs	
13	Preposition of SAR Kits at 75 districts of Nepal	NEOC	DDRC NA, NP, APF, NRCS, CAAN, Communities/Volunteer Organizations and other humanitarian agencies	Within 1 year
14	Development of USAR capacities (2 medium and 7 light team) as a national, regional and local response team	MoHA	UNOCHA NA, NP, APF, Red Cross Movement, INSARAG, Donor Agencies	Within 1 year
15	Preposition of NFIs and other Relief items including Emergency Medicines	NRCS	MoHA, Local Governments, UN Agencies, I/NGOs, Donor Agencies	Within 1 year
16	Emergency Communication Setup at national and district level; and trans-border	MoIC	NEOC Security Agencies, NRCS, Telecommunication Authority, Telecom Service Providers, WFP, UNDSS	Within 1 year
17	Preparation of Clusters contingency plan	NEOC	NEOC/IASC Concerned Ministries and Departments, UN Agencies, Cluster members, I/NGOs, Donor Communities	Within 1 year
18	Preparation of Business Continuity Plan of key government ministries, security agencies, public utilities provider, financial institutions etc.	Line Ministries, Security Agencies and related organizations	OPMCM Experts, Donor Agencies	Within 1 year
19	Develop TIA disaster response plan and upgrade regional airports as alternative response hubs as well as preposition adequate ground handling and other equipment at airports	CAAN	MoCTCA NA, AOAN, WFP, ICAO, DHL, Donor Agencies	Within 1 year
20	Agreement with friendly and neighboring countries and Regional Organizations on large scale disaster response	MoFA	MoHA, MoLJ, Diplomatic Missions in Nepal	Within 1 year
21	Development of Guidelines for accepting international assistance and early registration	MoHA	MoF, MoFA, Red Cross Movement, UNOCHA	Within 1 year
22	Make appropriate arrangement for keeping unit of action team equipped with fire brigade and DM equipments in alert position in all the 3 security forces	Security forces	MoHA, MoD & MoF	Within 1 year
23	Development of Guidelines for accepting international military assistance	MoD	MoHA, MoFA, NA	Within 1 year
24	Prepare guidelines to define structure and proces for OSOCC and CMCC	NEOC	MoHA, NA, UN OCHA, Cluster Members and Donor Agencies	Within 1 year
25	Policy arrangement according to "Model Custom Agreement" for provision of Visa fees and custom duty exemptions at entry points to IHC, relief goods, SAR equipments	MoHA	MoF, MoFA, Department of Immigration, Department of Custom, UNHC, Red Cross Movement	Within 1 year
26	Water Distribution and Management Plan in the major cities of Nepal	DWSS	MoUD Security Agencies, Red Cross Movement, WASH Cluster and Member Agencies	Within 1 year

27	Action Plan of dead body management in the major cities of Nepal	DDRC	NEOC, MoHA, Security Forces, Local Governments, NRCS	Within 1 year
28	Protection Plan of the Vulnerable Groups and Gender based Violence	MoWCSW	NWC, NHRC, NP, APF, Protection Cluster and Member Agencies	Within 1 year
29	Monitoring and Evaluation tools development for Rescue Operations and Humanitarian Assistance at national, regional and district level	NEOC	MoHA DDRC/DEOC	Within 1 year
30	Development of Item and Norms of Assistance from the Calamity Relief Fund	NEOC	MoHA, Council of Ministers	Within 1 year
31	Development of Victims Registration and Tracking Tools, and database management	NEOC	MoHA CBS, Municipality, CCCM Cluster and Member Agencies, Donor Agencies	Within 1 year
32	Development of priority plan for prioritizing search, rescue and assistance materials and members as per appeal of GoN	NEOC	MoHA, MoFA, Foreign Mission in Nepal, Cluster Members and Donor Agencies	Within 1 year
33	Develop a electricity resuming plan after mega disaster	Nepal Electricity Authority	Ministry of Energy, MoHA, MoUD	Within 1 year
34	Prepare contingency plan as the animals may come out from the central zoo due to severe damage caused by mega-disaster	Central Zoo	Department of Wild Life Protection, National Trust for Nature Conservation	Within 1 year
35	Develop plan of action for management of dead animals	MoAD	MoHA, Local governments, Supporting Agencies	Within 1 year
36	Integrated Search and Rescue Plan at national, regional and district level	NEOC	MoFALD, MoUD, Local Governments, Fire Brigade, NRCS, OCHA	Within 1 year
37	Capacity development in Planning and Managing Emergency Response at national, regional and district level	HoHA	MoHA , UN Cluster and Members, Agencies, Red Cross Movement, Donor Agencies	Within 1 year
38	Development and implement plan for construction and renovation of warehouses /rub halls in strategic locations at national, regional and district level	MoHA	MoCS, Nepal Food Corporation, NRCS, UN Cluster and Member Agencies	Within 1 year
39	Prepare plan of action for possible floods and water logged due to heavy rainfall	Department of Irrigation	MoHA, MoFSC, Local Governments, Nepal Red Cross	Within 1 year
40	Prepare plan of action for emergency management of wetland and soil conservation	Department of Soil Conservation	MoFSC, MoI, MoHA, MoLR, Local Governments, NRCS	Within 1 year
41	Revise the existing DBM Guidelines considering a mega-disaster scenario	MoHA	MoHP, NRCS, Medical Council, Local Governments	Within 1 year
42	Regional REOC and district DEOC establishment and networking	NEOC	MoHA UNDP, Donor Agencies	Within 1 years
43	Prepare plan of action for controlling forest/bush fire	MoFSC	MoFALD, MoLRM, Local Governments	Within 1 year
44	Prepare plan of action for water supply to densely populated and urban areas and ensure water supply is available in the time of disaster	MoUD	MoFALD, MoLRM, DWSS, Kathmandu Valley Development Authority	Within 1 year
45	Detailed risk assessment of infrastructure that are vulnerable to earthquake	MoUD	MoHA, MoFALD, Local Governments, Kathmandu Valley Development Authority	Within 1 year

46	Develop a plan for alternative airport targeting to Kathmandu that can also be used for disaster management purposes	MoCTCA	OPMCM, MoHA, MoD, Civil Aviation Authority	Within 1 year
47	Establishment of Emergency Operation Centers at Municipal Level and develop coordination mechanism among District, Municipal and VDC level	MoFALD	MoHA, local GOs/NGOs	Within 1 year
48	Develop Guidelines for one settlement one open space in densely populated areas to facilitate disaster response	MoUD	MoHA, MoFALD, Local Governments, Kathmandu Valley Development Authority	Within 1 year
49	Prepare plan for early recovery after disaster response	MoUD	MoHA, DUDBC, I/NGOs	Within 1 year