



# National disaster management system in Pakistan



## Outline of Presentation

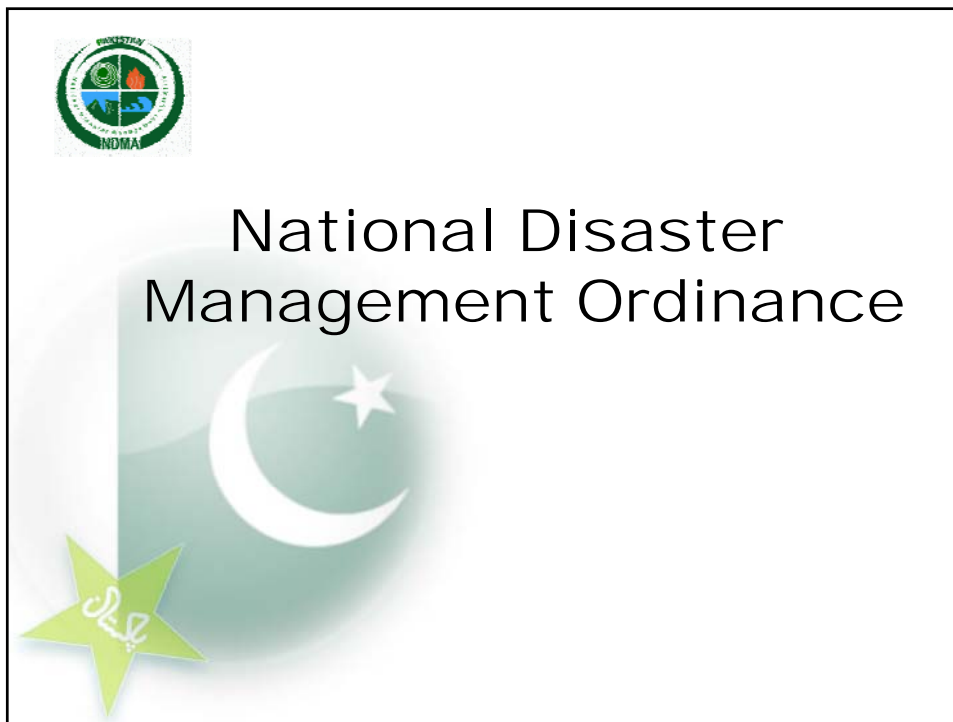
- Background the DM in Pakistan
- Gaps in Disaster Risk Management
- Disaster Management System

## BACKGROUND

- Pakistan is vulnerable to a range of hazards- both natural as well as man-made.
- Reactive emergency response (Calamity Act of 1958) approach remained the predominant way of dealing with disasters in Pakistan till 2006
- The Earthquake, 2005 highlighted Pakistan's vulnerability to disaster risks.
- Exhibited the need for establishing appropriate policy and institutional arrangements to reduce losses from disasters in future.
- The need fulfilled through promulgation of National Disaster Management Ordinance, 2006.

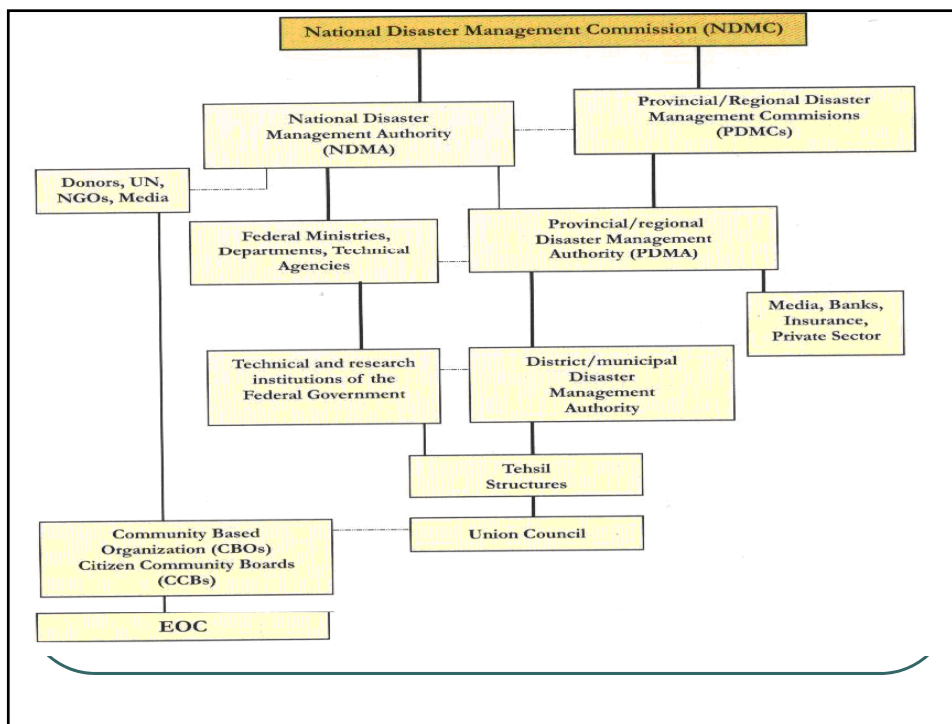
## Gaps in DRM

- Pakistan's concept of preparedness for natural disasters remained restricted to relief.
- No institution for mitigation, preparedness, response (other than relief - including search, rescue, evacuation, emergency medical and food services) and rehabilitation.



## **National Disaster Management Ordinance,**

- The Ordinance provides for legal and institutional arrangements for disaster management at federal, provincial and district levels.
- To enable the Federal Government to put in place a comprehensive system of disaster management in the country, the Provincial Assemblies of Balochistan, the NWFP and Punjab under Article 144 of the Constitution, passed resolutions authorizing the Federal Government to make legislation on the subject. The Sindh Assembly followed the suit.



## National Disaster Management Commission (NDMC)

### Composition

- The Prime Minister will be the Chairman, *ex-officio*.
- The members include leaders of the opposition in Senate and National Assembly, Federal Ministers for defense, health, foreign affairs, social welfare & special education, communication, finance and interior.

## National Disaster Management Commission (NDMC)

### Cont...Composition

- Membership also include Governor NWFP (for FATA), Chief Ministers of 4 Provinces, Prime Minister of AJ&K, Chief Executive of NAs, Chairman JCSC, and representatives of civil society or any other person appointed by the Prime Minister.
- The Director General / Chairman of the NDMA shall act as *ex-officio* Secretary of the commission.

## National Disaster Management Commission (NDMC)

### Powers and Functions

- Lay down policies on disaster management.
- Approve the National Plan.
- Approve Plans prepared by the Ministries / Divisions of the Federal Government in accordance with the National Plan.
- Lay down guidelines to be followed by Federal Government and Provincial Authorities.

## National Disaster Management Commission (NDMC)

### Cont...Powers and Functions

- Arrange for, and oversee, provision of funds for the purpose of mitigation measures, preparedness and response.
- Provide such support to other countries affected by major disasters, as the Federal Government may determine; and
- Take such other measures for the prevention of disaster, or the mitigation, or for preparedness and capacity building for dealing with disaster situation considered necessary.

## National Disaster Management Authority (NDMA)

### Composition

- The National Authority shall consist of such number of members as may be prescribed and shall include as its Chairperson the Director General.
- There shall be a Chairman/Director General of the National Authority, to be appointed by the Federal Government, on such terms and conditions, as may be prescribed.

## National Disaster Management Authority (NDMA)

### Powers and Functions

- Act as the implementing, coordinating and monitoring body for disaster management.
- Prepare the National Plan to be approved by the NDMC.
- Implement, coordinate, and monitor implementation of the National policy.

## National Disaster Management Authority (NDMA)

### Cont... Powers and Functions

- Lay down guidelines for preparing disaster management plans by different Ministries/ Departments and Provincial Authorities.
- Provide technical assistance to the Provincial Governments/Authorities for preparing Provincial Disaster Management Plans.
- Coordinate response in the event of threatening disaster situation / disaster.

## National Disaster Management Authority (NDMA)

### Cont... Powers and Functions

- Lay down Guidelines/ give directions to the concerned Ministries or Provincial Governments/Authorities regarding threatening disaster situation / disaster.
- For any specific purpose or for general assistance, requisition the services of any person as a Co-opted Member.
- Promote general education and awareness in the context of disaster management; and
- Perform such other functions as the NDMC may require it to perform.

## Provincial Disaster Management Commission (PDMC)

### Composition

- The Chief Minister of the Province shall be the Chairperson, *ex-officio*.
- Leader of the opposition and one member to be nominated by him.
- Other members to be nominated by Chief Minister.
- The Chairperson may designate one of the members as Vice-Chairperson.



## Provincial Disaster Management Commission (PDMC)

### Powers and Functions

- To formulate the Provincial Disaster Management Policy.
- To prepare provincial plan in accordance with guidelines provided by the National Commission.
- To approve the disaster management plan prepared by the provincial departments.
- To review the implementation of the plan.

## Provincial Disaster Management Commission (PDMC)

### Cont....Powers and Functions

- To oversee provision of funds for mitigation and preparedness measures.
- To review development plans of provincial departments and ensure that prevention and mitigation measures are integrated therein; and
- To review the measures been taken by provincial departments for mitigation, capacity building and preparedness, and issue necessary guidelines/directions.

## Provincial Disaster Management Authority

### Composition

- Each provincial government shall establish a Provincial Disaster Management Authority for the province.
- The Provincial Authority shall consist of such number of members as may be prescribed, and shall include as its Chairperson the Provincial Director General or Provincial Relief Commissioner.
- There shall be a Director General of the Provincial Authority, to be appointed by the Provincial Government

## Provincial Disaster Management Authority (PDMA)

### Powers & Functions

- To formulate the Provincial Disaster Management Policy with the approval of the Provincial Commission.
- To coordinate and monitor the implementation of the National Policy, National Plan and Provincial Plan.
- To examine the vulnerability of different parts of the Province to various disasters, and specify prevention or mitigation measures.
- To lay down guidelines for Disaster Management Plans by the Provincial Departments and District Authorities.

## Provincial Disaster Management Authority (PDMA)

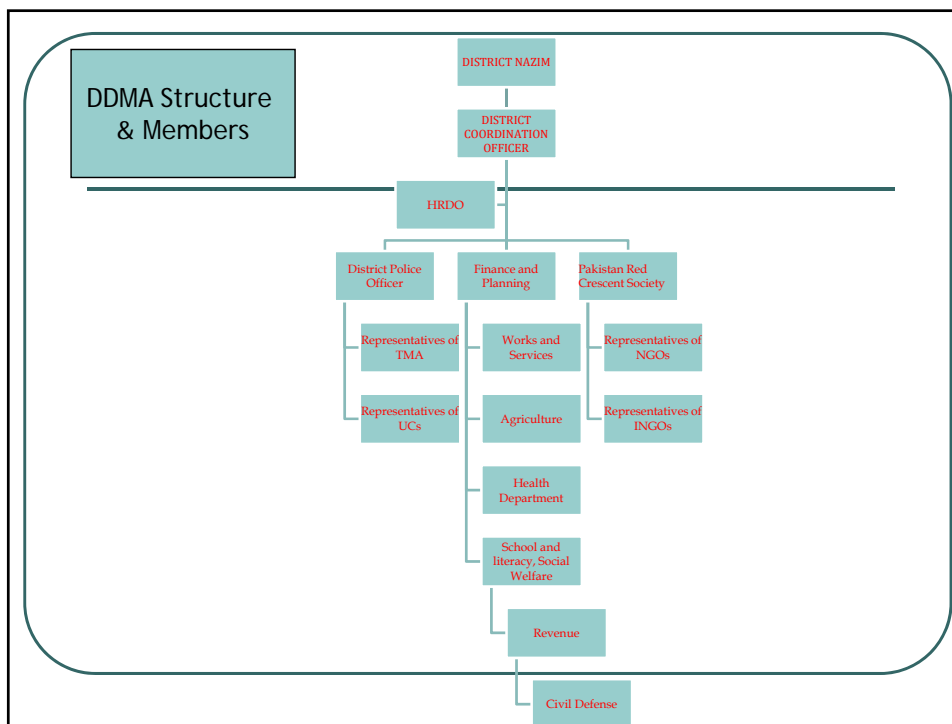
### Cont...Powers & Functions

- To evaluate preparedness at all Governmental or Non-Governmental levels to respond to disaster and to enhance preparedness.
- To coordinate response in the event of disaster.
- To give directions to any Provincial Department or Authority regarding actions to be taken in response to disaster.
- To promote general education, awareness and community training in this regard.

## Provincial Disaster Management Authority (PDMA)

### Cont...Powers & Functions

- To provide technical assistance or give advice to District authorities and local authorities.
- To advise the Provincial Government regarding financial matters in relation to disaster management.
- To ensure prescribed construction standards.
- To ensure that communication systems are in order and disaster management drills are being carried out regularly; and
- To perform such other functions as may be assigned to it by the National or Provincial Authority.



## District Disaster Management Authority (DDMA)

### Composition

- (a) Nazim of the District who shall be Chairperson, *ex-officio*;
- (b) the District Coordination Officer;
- (c) the District Police Officer, *ex-officio*;
- (d) the Executive District Officer Health; and
- (e) such other district level officers, to be appointed by the District Government.

## District Disaster Management Authority (DDMA)

### Powers & Functions

- To prepare a Disaster Management Plan including District Response Plan.
- To coordinate and monitor the implementation of the National Policy, Provincial Policy, National Plan, Provincial Plan and District Plan.
- To ensure that the areas in the District vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments.

## District Disaster Management Authority (DDMA)

### Cont...Powers & Functions

- To ensure that the Guidelines for prevention, mitigation, preparedness and response measures as laid down by the NDMA and the PDMA are followed by all Departments.
- To give directions to authorities at the District level to take all such measures for the prevention or mitigation of disasters as may be necessary.
- To lay down Guidelines for preparation of Disaster Management Plans by the Departments and local authorities in the District.

## District Disaster Management Authority (DDMA)

### Cont...Powers & Functions

- To monitor the implementation of District Disaster Management Plans.
- To lay down Guidelines to be followed by the District Departments.
- To organize and coordinate specialized training programmes for District level officers, employees and voluntary rescue workers.
- To facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, Governmental and Non-Governmental Organizations.

## District Disaster Management Authority (DDMA)

### Cont...Powers & Functions

- To set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public.
- To prepare, review and update District level Response Plan and Guidelines.
- To coordinate with local authorities, and give them Guidelines to ensure that pre-disaster and post-disaster management activities in the District are carried out promptly and effectively.

## District Disaster Management Authority (DDMA)

### Cont...Powers & Functions

- To review development plans prepared by the District Departments, statutory authorities or local authorities to make necessary provisions for prevention of disaster, or mitigation arrangements.
- To identify buildings/places which could, in disaster situations, be used as Relief Centre or Camps.
- To establish stockpiles of relief & rescue materials and make such materials available at a short notice.
- To provide information to the PDMA relating to different aspects of Disaster Management.

## District Disaster Management Authority (DDMA)

### Cont...Powers & Functions

- To encourage involvement of NGOs & voluntary social welfare organizations at the grassroots level in the District for disaster management.
- To ensure that communication systems are in order, and disaster management drills are carried out periodically; and
- To perform other functions of disaster management in the District assigned to it by the Provincial Government/PDMA.

## National Institute of Disaster Management (NIDM)

- This Institute may be tasked to develop training modules, undertake research and documentation in the field of Disaster Management, and organize training programmes.
- The Institute may formulate and implement a comprehensive Human Resource Development Plan, covering all aspects of Disaster Management.
- The NIDM may provide assistance in national level policy formulation in the field of Disaster Management.
- The Institute may provide required assistance to the training and research institutes for development of training and research programmes for stakeholders including Government functionaries; Cont...

## Cont....

- It may provide assistance to the Provincial Governments in the formulation of Provincial level policies, strategies, and disaster management framework.
- NIDM may develop educational materials for Disaster Management including Academic and Professional Courses.
- It may promote awareness among stakeholders, including College or School Teachers and Students, technical personnel and others associated with multi-hazard mitigation, preparedness and response measures.



## National Disaster Response Force

- The NDRF shall be established for the purpose of specialist response to a threatening disaster situation or disaster.
- the Force shall be constituted in a prescribed manner and the terms and conditions of service of the members of the Force shall be laid down.
- The general superintendence, direction and control of the NDRF shall vest in the NDMA.

## National Disaster Management Fund

- Federal Government to constitute a National Disaster Management Fund through Notification, for meeting any threatening disaster situation or disaster.
- The Fund shall be financed from the following sources, namely:-
  - (a) grants made by the Federal Government;
  - (b) loans, aid and donations from the national or international agencies; and
  - (c) donations received from any other source.

**Cont....**

- NDMF shall be kept in one accounts maintained in local or foreign currency, in scheduled banks in Pakistan and shall be operated in accordance with the directions of the by the NDMA.
- The Fund shall be administered by the NDMA towards meeting the expenses for emergency preparedness, response, mitigation, relief and reconstruction.

**Provincial Disaster Management Fund**

- Each Provincial Government shall establish Provincial Disaster Management Fund.
- It shall be financed through grants made by the Federal Government/Provincial Governments; loans, aid and donations from the national /international agencies.
- This Fund shall be used for meeting the expenses for emergency preparedness, response, mitigation, relief and reconstruction in the Province.

## NATIONAL DISASTER RISK MANAGEMENT FRAMEWORK (NDRMF)

### Process

- Draft Prepared By NDMA Oct 2006
- Comments from National/Provincial Departments Nov 2006
- Consultation With Federal/ Provincial Departments Nov 2006
- Consultation with NGOs DEC 2006
- Consultation with Donors DEC 2006
- Revision of the Framework Jan 2007

Cont....

### Vision

To achieve sustainable social, economic and environmental development in Pakistan. Through reducing risks and vulnerabilities, particularly those of the poor and marginalized groups, and by effectively responding to and recovering from all types of disaster events

Cont....

**Mission**

To manage complete spectrum of all types of disasters through a paradigm shift by moving away from response and relief oriented approaches and by adopting a disaster risk reduction perspective from local government level upwards

Cont....

**Guiding Principles**

- Focus upon most vulnerable (children, women, disabled, elderly, minorities)
- Promote community and local level preparedness
- Follow multi-disciplinary and multi-sectoral approaches
- Combine scientific knowledge with social knowledge
- Make development process as risk-sensitive
- Develop locally relevant technologies (culturally, economically, environmentally)

Cont....

### Priorities Identified

- ii) Hazard and vulnerability assessment
- iii) Training, education and awareness
- iv) Disaster risk management planning
- v) Community and local level programming
- vi) Multi-hazard early warning system
- vii) Mainstreaming disaster risk reduction into development
- viii) Emergency response system,
- ix) Capacity development for post disaster recovery



Progress so far....



## PROGRESS ACHIEVED

- National Disaster Management Commission (NDMC) and National Disaster Management Authority (NDMA) are functional.
- Provincial/Regional Disaster Management Commissions and Authorities have been established in the four Provinces, AJ&K and NAs.
- District Disaster Management Authorities have been established.
- National Disaster Management Fund has been established.
- National Disaster Risk Management Framework has been prepared and circulated to all stakeholder organizations.

## Cont...

- Five year plan has been devised for institutional capacity building in prioritized areas as envisaged in the framework.
- Established 2 Heavy Urban Search & Rescue (HUSAR) teams at Karachi in collaboration with the city government, at Islamabad with the Capital development Authority (CDA) establishment of third team in progress.
- A capacity building programme for master instructors has been conducted by NDMA for two major response areas, i.e. Medical First Responders (MFR), and Collapsed Structure Search and Rescue (CSSR). 150 Master Trainers trained in Urban Search and Rescue, Medical First Aid and Hospital Disaster Preparedness.



## Cont...

- Development of the Hazard Atlas of Pakistan
- District Disaster Management Plans have been prepared in 12 districts of the country as well as AJ& K.
- Three projects on earthquake mitigation are being implemented in Mansehra and Muzaffarabad.
- A community based disaster mitigation program has been launched in Quetta, Kech, Thatta and Badin districts.
- Launching of a Glacial Lake Outburst Flood (GLOF) mitigation programme in collaboration with Karakoram University & Pakistan Agriculture Research Council is in hand.

## Cont...

- In Collaboration with Asian Disaster Reduction Centre Kobe, Japan & UN/ESCAP ( Bangkok). Tsunami Hazard Map Development Project in Sindh, is being launched.
- A project on Tsunami Early Warning is being initiated in Gwadar, Pashin & Ormara with 5 tsunami evacuation drill conducted in the coastal areas of Pakistan.
- A National Working Group comprising NDMA, Planning Commission, Ministry of Housing & Works & Ministry of Industries & Special Initiatives has been formed to mainstream disaster risk management in to development programmes.

