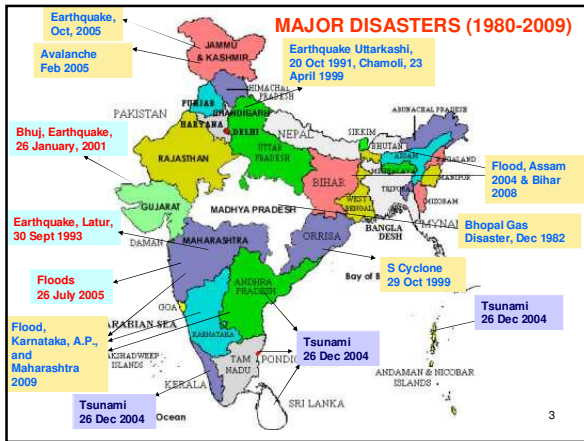


MAINSTREAMING DISASTER MANAGEMENT INTO DEVELOPMENTAL EFFORTS

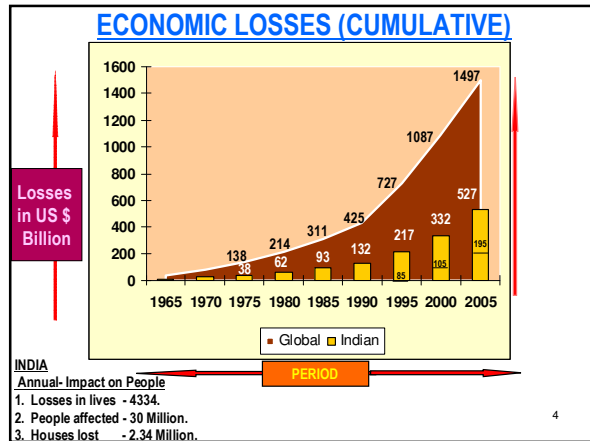
Dr. Pavan Kumar Singh
Dr. Susanta Kumar Jena
National Disaster Management Authority

India – Vulnerability to Disasters

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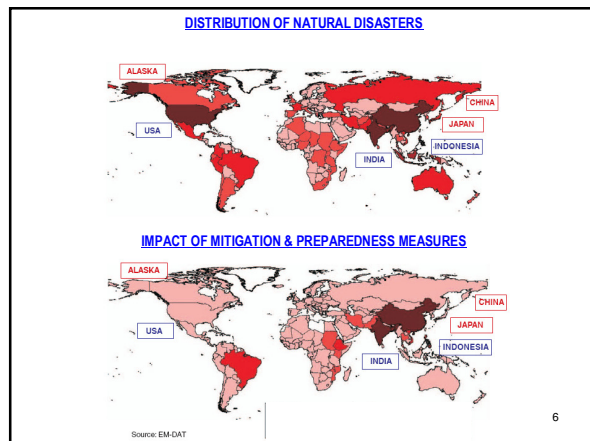
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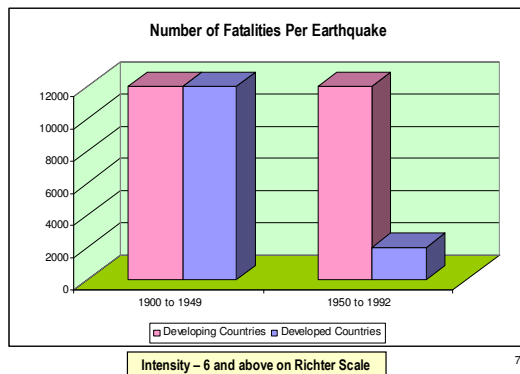
ADVANTAGES ACCRUED FROM PREPAREDNESS AND MITIGATION ACTIVITIES

5



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IMPACT OF MITIGATION & PREPAREDNESS – EARTHQUAKES



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MITIGATION & PREPAREDNESS MEASURES FOR CYCLONES

BANGLADESH

Year	Scale	Deaths	Affected/ Displaced	Total Damages (US \$ '000s)
1970	250 kmph	300,000	3,648,000	86,400
1991	235 kmph	138,000	15,438,849	1,780,000
1997	250 kmph	111	3,052,738	Not Available
1998	150 kmph	19	108,944	Not Available
2007	225 kmph	4,234	Not Available	Not Available

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MAINSTREAMING OF DISASTER MANAGEMENT INTO DEVELOPMENTAL PROCESS

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WORKING GROUP ON DM

- For the XIth Plan document
 - Planning Commission took important step of setting up Working Group (WG) on DM.
 - Group submitted its report on Jan 10, 2007, which was included in the XI Plan document of Planning Commission.
- Recommendations of the WG emphasized Mainstreaming of DM Concerns into overall developmental effort.
- Recommendations of Working Group accepted by Planning Commission.
- Separate Section on DM included in XI Plan document.
- All projects proposed by Working Group also included (both categories – (i) To be led by the NDMA, (ii) To be carried out by the Ministries).

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HIGHLIGHTS OF XIth PLAN DOCUMENT ON DM

- Outlines actions that need to be taken by the various Central Ministries/Departments and State Governments.
- Gives guidelines for taking up projects and programmes in DM.
- Suggests programmes/schemes that need to be taken up in the 11th Five Year Plan.
- Brings out importance of earmarking plan funds for projects and adding value to the National DM effort.

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BUILDING IN DM CONCERNS INTO THE PLANNING PROCESS AND FUNDING MITIGATION PROJECTS

- Mainstreaming disaster management into the development planning process essentially means looking critically at each activity that is
 - being planned, not only from the perspective of reducing the disaster vulnerability of that activity, but also
 - from the perspective of minimizing that activity's potential contribution to the hazard.
- As envisaged by the Hyogo Framework for Action - Gol has become one of the first National Governments to visualize and plan the mainstreaming of disaster management in development plans.

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WAYS OF MAINSTREAMING

- There are two ways of mainstreaming disaster management into developmental process. These include:-
 - Structural Measures
 - Non Structural Measures
- The Non Structural Measures for mainstreaming Disaster Management into development plans include;
 - Amendment of Building by laws master plans for Earthquake Proofing/Flood Management etc.
 - Amendment of Building and Land use regulations.
 - Flood Plane zoning.

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- In the structural measures there are three ways to build in DM concerns:-
 - All new projects/programmes should be revisited to build in DM resilience with regard to disasters.
 - The design of ongoing projects/ programmes will also need to be similarly audited to ensure resilience, to specific disasters to which the concerned locations are vulnerable.
 - Completed projects would have to revisited selectively on priority.

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MAINSTREAMING OF DM - NDMA APPROACH

DM Act Provisions

- Section 11 of DM Act, 2005, provides for drawing up a Plan for Disaster Management for the country to be called the National Plan.
- Section 11 (3) (b) specifies that National Plan shall include –
 - “measures to be taken for the integration of mitigation measures in the development plans.”

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Preparation of Plans

- **The National Response Plan** To be prepared by an Inter Ministerial Central Team formed by the NEC in the MHA Spanning all the Central Ministries/Departments.
- **The Mitigation and Preparedness Plans** To be prepared by the various Central Ministries and Departments and other agencies covering different disasters specifically.
- **The National Human Resource and Capacity Building Plan** To be prepared by National Institute of Disaster Management, addressing the Training and capacity Building needs of several sectoral/thematic disciplines.

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NATIONAL MITIGATION PROJECTS

- National level Mitigation Projects being formulated, to be monitored, coordinated by NDMA and executed by Central Ministry/Departments, and the States (monitoring by a multi-sectoral Group).
- State Level Projects to be taken up according to necessities.
- All investments to be mainstreamed into National/State Plans with help of Planning Commission.

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MITIGATION PROJECTS (UNDER PREPARATION)

- **Cyclones.**
 - World Bank Project
 - Phase-I – 2-3 States (Finally 13 States/ UTs).
 - Appraisal by World Bank Team in Progress. Likely to be Completed in Sep/ Oct.
 - Project should be launched – Last Quarter of 2009.
- **Earthquakes.**
 - National Disaster Information and Communication Network. } DPRs under preparation. (Advance Stage).
 - Constitution of National Disaster Response Reserves (for 400,000 Personnel, including 150,000 Personnel for Hilly Terrain). } Proposal with the Govt. for Approval.
 - Pilot Project for School Safety (Rs. 48 Crores). } Awaiting approval of Govt.
 - Disaster Risk Management Project – To cover yet uncovered 150 Districts. }
- **Floods.** } DPRs in the Pipeline.
- **Landslides.** }
- **Medical Preparedness.** }

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STATE DISASTER MANAGEMENT PLAN

- In the financial year 2007-08, NDMA has prepared and issued the guidelines to all states for the preparation of State Disaster Management Plan.
- Preparation of DM plans by Central Ministries/Departments and States is underway.
- Under the "scheme for preparation of Disaster Management Plans," Rs. 4,94,50,000 was sanctioned to the Central Ministries/Departments and the States/UTs.
- Out of this 40% has been released during this financial year and rest in next financial year i.e. 2010-11.

ADEQUACY OF FUNDS

- State's contributions will never match requirements.
- Disasters occur across the State boundaries and it is the Central Government which allocates the max-funds for major disasters.
- Allocation must be adequate with respect to requirements. This is not often so, eg.,
 - For fire services against a projected requirement of 3636 crores only Rs 200 crores have been allocated.

RECENT INITIATIVES

- As a part of the effort of mainstreaming DM concerns into the overall developmental effort, the Planning Commission had agreed to
 - conduct of a DM audit of all new and on-going projects and selective revisiting of completed projects.
 - the "generic structure of the DPR" should include coverage of issues relating to disaster resilience.
- The Finance Ministry has also agreed that
 - the format of the SFC/EFC/PIB memorandums should include consideration of relevant questions relating to whether DM aspects have been built in or not.

THANK YOU

