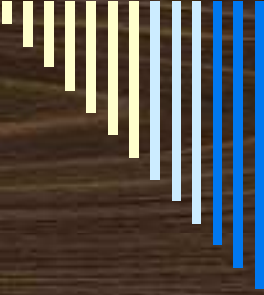



Disaster Management

with Special Reference to Flood Disaster
and Flood Management Plan



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Director General
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- 
- India is Flood prone and Flood recurrent phenomenon.
 - More problem during South West Monsoon (July to September).
 - Flood coming to area not naturally flood prone.





Causes of Flood

- ❑ Poor drainage Facility, accumulation of silt.
- ❑ Increase in ground water level, water logging.
- ❑ Reduction in carrying capacity of river channels.
- ❑ Lack of documentation on Flood and Flood damage.

Urban Flooding

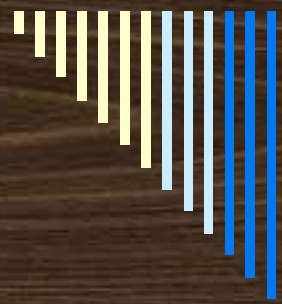
- Inadequate capacity of Storm water Drainage.
- Lack of Regulation in cities.





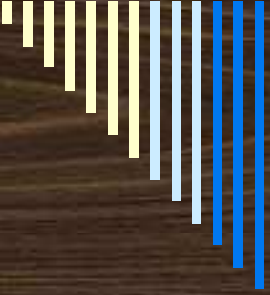
Flood Management

- ❑ Flood damage Assessment on realistic basis.
- ❑ Water Resource Planning.
- ❑ Flood Control to be priority activity in reservoir.
- ❑ Emphasis on Research, Education and Training in Flood Management (FM).



Gaps in Flood Management

- Data not available.
- Flood Forecasting and warning – reliable systems not developed.
- Telemetry system for communication of data in river basins not up-to-date.
- Implementation of Flood proofing measures not satisfactory e.g., raising of villages, flood shelters.



Continue

- ❑ Implementation of Flood proofing measures not satisfactory e.g., raising of villages, flood shelters.
 - ❑ Lack of flow of information.
 - ❑ Anti River erosion need serious planning.
 - ❑ Flood Management on adhoc basis to give immediate relief.
-



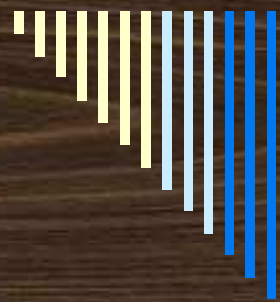
What should be done

- Assess risk associated with flood disaster.
- Effective preparedness.
- Create awareness for providing training to community.
- Strengthening Flood Forecasting and Warning System.



Response to flood disaster

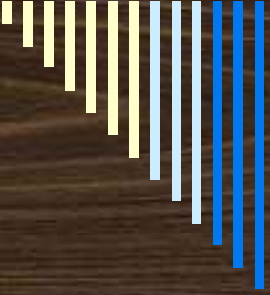
- ❑ Management and control of adverse consequences of Flood.
- ❑ Evacuation Plan of Human and livestock.
- ❑ Designing department specific customized action plan.
- ❑ Online inventory of emergency relief resources.
- ❑ Building confidence among people.



Flood Management Plan

Would include

- Emergency search and Rescue (Local Community, trained and equipped).
- Emergency Relief (Health Care, Water, Food).
- Incident command system (ICS).
- Standard Operating Procedure (SOP).



Continue

- ❑ Dissemination of information.
 - ❑ Involvement of corporate sector.
 - ❑ Specialized Team for Response (Police, Home Guard, Civil Defense).
 - ❑ Emergency Medical Response.
 - ❑ Documentation of Medical Response.
-



Action Plan for Flood Response

Activity

1. Categorization of Flood disaster (Flash Flood).
 2. Response Plans (Area Prone to Flood).
 3. Institutional Role of NGO, Youth Organization.
-



Continue

4. Reorientation of Police, Fire, Home Guards for Flood Response
 5. Emergency equipment.
 6. Medical Preparedness Plan.
 7. Funding/ Compensation.
 8. Documentation for learning lessons.
-



During Flood Management and Disaster Requirement

- Coordination and Enforcement.
 - Disseminator of accurate and timely information.
-



Any Questions



THANK YOU
