MITIGATION
&
PREPAREDNESS COMMUNITY BASED ON DRR

PRESENTED BY

M.S. HARISKUMAR
3rd YEAR
CIVIL ENGINEERING
MITIGATION

- Mitigate
  - Identity
  - Protect
  - Recover
  - Respond
  - Detect

- Mitigation
  - Community Resilience
  - Risk & Disaster Resilience Assessment
  - Public Information & Warning
  - Long-term Vulnerability Reduction
  - Operational Coordination
  - Threats & Hazards Identification
  - Planning
Mitigation (prevention) is the effort to reduce loss of life and property by lessening the impact of disasters. This is achieved through risk analysis, which results in information that provides a foundation for mitigation activities that reduce risk, and flood insurance that protects financial investment.

The Disaster Mitigation Act of 2000 requires all local, county, tribal and state governments to develop a multi-hazard mitigation plan for their respective jurisdiction in order to be eligible to receive certain hazard mitigation and public assistance funds to reduce long-term risk to life and property.
PRINCIPALS OF MITIGATION

- give preference to avoidance and prevention measures
- consider feasible alternatives to the proposal
- identify customised measures to minimise each major impact

- use compensation as a last resort
PURPOSE OF MITIGATION

- find better ways of doing things
- enhance environmental and social benefits
- avoid, minimise or remedy adverse impacts
- ensure that residual impacts are within acceptable levels
Preparedness

- Vulnerability assessment
- Planning
- Institutional Framework
- Information Systems
- Resource Base
- Warning Systems
- Response Mechanisms
- Public Education
- Emergency drills

Disaster Practitioners

- Mitigation
- Prevention
- Development
- Rehabilitation

Vulnerable Community

Response

Relief
Community Based Disaster Preparedness is a process of bringing people together within the same community to enable them to collectively address a common disaster risk and to collectively pursue common disaster preparedness. Community Based Disaster Preparedness is a process that mobilizes a group of people in a systematic way towards achieving a safe and resilient community/group. Its end view is a dynamic community that equalizes power relations, binds the group cohesively in the process of making decisions, deals with conflicts, resolves issues, and manages individual and collective tasks through addressing and bouncing back from hazard events.
COMMUNITY
BASED
DISASTER
PREPAREDNESS
Major Components of the training:

☑ The training is strategically important: its approach has resulted in communities becoming resilient and self-reliant, so that development initiatives are safe, secure and sustainable through time.

☑ It creates a sustainable intra-community working relationship, geared towards building group and community cohesiveness in achieving the task of disaster preparedness.

☑ People’s capacity and survivability are enhanced and at the same time, dependence from external support is gradually terminated.