Module: Public Health Disaster Planning for Districts

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Resource Title: A Conceptual Framework for Public Health Disaster Risk Reduction

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A Conceptual Framework for Public Health Disaster Risk Reduction

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Disaster Risk Reduction

Hazard Analysis
What potential hazards exist? What is their frequency of occurrence? What is the magnitude of their potential effects (size of area, affected population, lethality, destruction caused)?

Vulnerability Analysis
To what extent are people and infrastructure vulnerable? What are the most vulnerable sub-groups? What factors make them vulnerable and how can these be addressed?

Capacity Analysis
What capacity do we have in prevention and mitigation of disasters and what are the capacity gaps? What do we need to do to increase our capacity?

Risk Reduction Strategies and Strategic Plan

Take on the Risk
Prevention

Mitigation and Preparedness

Risk Transfer
Community Insurance

Private Insurance

What are the Hazard priorities?

- Legislation and law enforcement
- Engineering
- Sustainable development
- Protection of the environment
- Conservation and non-encroachment
- Fire safety and prevention measures
- Evacuation from hazardous areas

- Behaviour change communication
- Food stock-piling
- Stockpiling of equipment (e.g. ‘fire fighting’ equipment, outbreak response kits)
- Training Rapid Response Teams
- Compensation policies
- Early warning and surveillance
- Livelihood support
- Food-security and storage
- Income Savings

- Community support groups
- Community granaries
- Community censorship

- Life insurance (Assurance)
- Property insurance
- Group insurance
- Re-insurance
- Health Maintenance Organisations
- Health savings accounts