

Comprehensive Disaster Management Program (CDMP), Bangladesh

NSET Information Kit | 029 | 2011



BACKGROUND

The Comprehensive Disaster Management Program (CDMP) of the Government of Bangladesh (GoB) is implemented by the Ministry of Food and Disaster Management (MoFDM) and is supported by UNDP, DFID-B and the European Commission (EC). CDMP is designed to strengthen Bangladesh Disaster Management System and more specifically to achieve a paradigm shift from reactive response to a proactive risk reduction culture.

National Society for Earthquake Technology-Nepal (NSET) in partnership with Asian Disaster Preparedness Centre (ADPC) together with Oyo International Corporation (OIC)-Japan and Asian Institute of Technology (AIT)-Thailand has been engaged under the CDMP project to provide technical services for the execution of;

- Seismic hazard and vulnerability mapping of Dhaka, Chittagong, and Sylhet city corporation areas
- Training, advocacy and awareness with regards to earthquake and tsunami hazard
- Contingency Planning for Dhaka, Chittagong and Sylhet city corporation areas

OBJECTIVES

The objectives of the assignment under the three projects are:

- To develop seismic hazard and corresponding vulnerability maps for the critical structures as well as the building stocks of Dhaka, Chittagong and Sylhet city corporations including their area and further extensions
- To develop a comprehensive geo-hazard risk reduction strategies
- To develop trainings, drills, advocacy and awareness activities in different cross-section of the people from government officials to community level

ACTIVITIES

- Development of seismic hazard and vulnerability and risk assessment methodology for earthquake risk mapping of Dhaka, Chittagong and Sylhet City Corporation areas
- Conduction of vulnerability assessment of engineered and non-engineered buildings in three cities
- Development of fragility functions for different type of buildings
- Conduct risk assessment of the selected cities
- Conduct different trainings including teachers training, engineers training, masons training, government officials and policy makers training etc.
- Preparation of contingency plans at national level, city level, agency level
- Preparation of guidelines on development of contingency plans for lifelines



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OUTPUT

- Methodology for seismic vulnerability assessment in case of Bangladesh developed
- Fragility functions for buildings in Bangladesh developed
- Earthquake risk assessment of three cities is conducted
- Training curricula for different types of training are developed, training of trainers (TOT) conducted and a system of continuing such type of trainings developed and agreed
- A national level, three cities level, eight agency levels and four lifelines agencies earthquake contingency plans are developed

