



Comprehensive Disaster Management Programme (CDMP)
 Policy, Programme and Partnership Development (PPPDU)
 Disaster Management and Relief Bhaban, 92-93 Mohakhali C/A, Dhaka-1212, Bangladesh.
 Tel: +880 2 989 0937, 8821255, 8821459, Fax: +880 2 989 0854, Email: info@cdmp.org.bd

Comprehensive Disaster Management Programme (CDMP)
Monthly Progress Report

Component No. : BGD/01/004-CDMP/EC/4a/PC-V

Name: Training, Advocacy and Awareness

Tasks:

- A) Workshop for decision makers and planners about Use of Earthquake Risk Maps and Contingency plan for Decision Making
- B) Training for the decision makers and planners on use of HAZUS for Earthquake Risk Assessment and Planning
- C) Finalization and production of Bangla posters on earthquake vulnerability reduction measures
- D) Finalization and production of school guide book on earthquake vulnerability reduction measures
- E) Preparation of documentary
- F) Certificate and Souvenir distribution to the winner of school art competition

Name of SIA: Asian Disaster Preparedness Centre (ADPC)

Reporting Month: August, 2009

Date of Submission: August 31, 2009

1. Activities and outputs

Activity	Corresponding output
<p>A) Workshop for decision makers and planners about contingency plan and seismic hazard map:</p> <p>Three workshops were organized to share the Earthquake Risk Assessment result in Dhaka, Chittagong and Sylhet city corporations. The different activities carried out, methodology adopted for the risk assessment, the output map produced and use of the result in preparation of contingency plan was discussed during the workshops.</p> <p>Objective of the workshop: The main aim of the workshop was information sharing on the prepared earthquake risk maps and contingency plans.</p> <p>The objectives of the workshop was to:</p> <ul style="list-style-type: none"> • Describe the relationship between seismic hazard, vulnerability and risk • Share key earthquake risk maps developed for Dhaka, Chittagong and Sylhet • Share Key information on National level, city level and agencies level contingency plans created • Discuss on potential use of risk maps and contingency plans and key considerations on decision making <p>Selection of institutions and participants: On the request of Comprehensive Disaster Management Programme (CDMP) and facilitated by Asian Disaster Preparedness Center (ADPC), the workshop organized by respective city corporations, in the three cities. The technical</p>	<p>Workshop for decision makers and planners about Use of Earthquake Risk Maps and Contingency plan for Decision Making</p>

The long-term vision of the Government of the People's Republic of Bangladesh on Disaster Management and Relief is to reduce the vulnerability of people, especially to the poor, to the effects of natural, environmental and human-induced hazards to a manageable and acceptable humanitarian level.



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assistance was provided by National Society Technology (NSET) Nepal.

The participants were selected from different government and non-government organizations who were involved in previous activities to product the city level contingency plan and also the key organizations that have to implement the plan.

Workshop, venue, and participants: After the consultation and discussions with CDMP, the workshops dates were finalized.
Following were the workshop dates:

Location: Chittagong

Date: August 12, 2009

Venue: Hotel Peninsula, Chittagong

No of participants attained the workshop: 50

Location: Sylhet

Date: August 16, 2009

Venue: Seminar Hall, Sylhet City Corporation

No of participants attained the workshop: 67

Location: Dhaka

Date: August 24, 2009

Venue: Seminar Hall, Dhaka City Corporation

No of participants attained the workshop: 74

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B) Five days Training for decision makers and planners on the use of Earthquake Risk Assessment and Planning using HAZUS Tool:

A five days training program was organized in Dhaka on the use of HAZUS for earthquake risk assessment and planning. The training was jointly organized by Asian Disaster preparedness Centre (ADPC) and National Society for Earthquake Technology-Nepal (NSET).

Objective of the Training:

The main aim of the training is to impart knowledge and skills of the participants on the process of earthquake risk assessment at city level, use of selected risk assessment tool/s, develop updating process and mechanism and use of risk maps for earthquake risk reduction and contingency planning.

To accomplish this aim, this course brings together the planners and decision makers of different organizations and work together to make practical steps toward conducting earthquake risk assessment and use of the outcome for earthquake risk management planning.

Instructional Objectives:

The institutional objectives of the training is to:

- Describe the relationship between seismic hazard, vulnerability and risk
- Apply a method of judging the potential effect of earthquake hazard on the different physical built environments, people and economy
- Discuss the basic requirements managing large disasters in relation to the scale of loss
- Discuss the major components contingency plans prepared based on loss estimation

Performance Objectives:

The performance objectives of the training is that the participants are able to:

- Consider the likely consequences of an emergency before it occurs
- Identify the key factors that need to be considered for customization of risk assessment tool: HAZUS
- Identify key issues of using HAZUS tool for loss estimation of the selected city
- Identify key parameters for data inventory for loss estimation
- Use HAZUS for loss estimation using existing data
- Identify key issues for updating existing information to make the system up-to-date
- Identify the links between the contingency plans and development activities

Selection of institutions and participants:

With the consultation and meeting with Comprehensive Disaster Management Programme (CDMP), the different institutions were selected from the Dhaka, Chittagong and Sylhet cities which have major roles in disaster management. Since HAZUS works in GIS platforms, it was requested to the organizations to send participants who have general understanding on GIS. Total 40 participants were invited for the training from the three cities and 26 participants attained the training.

Dhaka City: Total 26 participants were invited from 22 different institutions. Seventeen participants attained the training.

Training for the decision makers and planners on use of HAZUS for Earthquake Risk Assessment and Planning



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Chittagong City: Total six participants were invited from five different institutions. Six participants attained the training.

Sylhet City: Total six participants were invited from five different institutions. Two participants attained the training.

Khulna University: One participant from Khulna University attained the training.

Course Coverage and contents: The course was designed in the following four modules with each class having lecture class and computer practical class.

Module 1

INTRODUCTION TO EARTHQUAKE LOSS ESTIMATION METHODOLOGY
(Having Three Sessions)

Module 2

USE OF HAZUS (Having Seven Sessions)

Module 3

UPDATING INFORMATION AND SYSTEM IN HAZUS (Having Two Sessions)

Module 4

USE OF RISK MAPS FOR EARTHQUAKE RISK MANAGEMENT PLANNING
(Having Five Sessions)

Training material: A concept note about the training was prepared and submitted to CDMP. The manual prepared by The Federal Emergency Management Agency (FEMA) USA, was used as a reference training material for the training. Power point slides were prepared covering every session. Printed copies as well as softcopies of the all material was submitted to CDMP. Printed material was distributed to the participants during the training.

A DVD compiling the manual, lecture notes of power point slides, and HAZUS software was provided to the participants at the end of the training.

Training date and venue: After the consultation and discussions with CDMP training date and venue was fixed.

Training Venue: Bangladesh Computer Council (BCC), BCC Bhaban, Agargoan, Dhaka.

Training Date: 18-22 August, 2009.

[N.B.: The report on "Five days Training for Earthquake Risk Assessment and Planning Using HAZUS Tools for Planners" has been attached herewith this Progress Report.]



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<p>C) Finalization and production of Bangla posters on earthquake vulnerability reduction measures:</p> <p>A series of meeting was conducted with CDMP to finalize the Bangla Posters on earthquake vulnerability reduction. The following five themes posters were finalized and approved by CDMP for printing and distribution.</p> <ol style="list-style-type: none"> 1. Reducing Non-structural Vulnerability 2. Let's Build our House Safe from Earthquake 3. Earthquake Safety Tips for School 4. Earthquake Evacuation Plan for School 5. Earthquake Drill for School <p>The posters are printed in A0 sized and disseminated as given in the distribution list approved by CDMP.</p>	<p>Production and dissemination of posters on earthquake vulnerability reduction measures</p>
<p>D) Certificate and Souvenir distribution to the winner of school art competition:</p> <p>A certificate and souvenir are distributed for the winner of school art competition</p>	

2. Deviations from plan

<i>Nature and extent of deviation</i>	<i>Reasons for deviation</i>	<i>Mitigation measure</i>
No deviations from the approved action plan has been reported during the reporting period	N/A	N/A

3. Activities to be undertaken during next month

4. Challenges encountered

<i>Nature of challenge</i>	<i>How challenge met</i>

5. Lessons learnt/ Additional comments

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