

Cross Cutting Capacity Development (3cd) Program

Disaster Risk Management Master Plan (DRMMP) Implementation in the Kathmandu Valley

Field Trip No. 2 Tentative Agenda





May 15 to 19, 2006

3cd Program
Disaster Risk Management Master Plan (DRMMP)
Implementation in the Kathmandu Valley

2nd FIELD TRIP AND WORKSHOPS
May 15-19, 2006

TENTATIVE AGENDA

	Mon. May 15	Tue. May 16	Wed. May 17	Thu. May 18	Fri. May 19
am	3cd PIT - Team Preparatory Meeting at NSET	KMC Structured discussion on DRM Unit re-organization at KMC	Venue TBD Workshop/Seminar Options for Building Code Implementation & Enforcement	Courtesy Calls Selected Organizations and stakeholders	3cd PIT-Team Debriefing and Review of Program
pm	KMC Strategic Planning Session LUP & Social Welfare Dept.	Venue TBD Stakeholder Workshop: Priorities for implementing a DRMMP in KTV Selected group		Ward # NNN Ward-level response-preparedness a planning session	Final Agreements & Action Plan
Parallel activities: <ul style="list-style-type: none">  Survey on ICT/GIS Capabilities and data sources for future implementation of Disaster Risk Management Tools such as a Map Viewers and other Indicators options.  Identifying sound practices and completing review of the DRM City Profile 					

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Background

The first field trip to the Kathmandu Valley was successfully completed on September 2006, fieldtrip report available on www.pdc.org/emi - DRM Library section, and www.earthquakesandmegacities.org ; a proposal for concrete action items to implement a DRMMP was sent out to NSET, the 3cd Program local investigator in November 2005. NSET provided feedback early this year, suggesting some concrete actions for the next fieldtrip to the city which were acknowledged by the Program Implementation Team (PIT) during its planning session on January 6-7, 2006.

A revised proposal for the implementation of the DRMMP for the Kathmandu Valley has been prepared by the Program Director Ms. Shirley Mattingly and is attached to this agenda. Both documents are subjected to change as additional feedback is provided by the Local Investigator – NSET and other partners.

Purpose of the Field trip

Each one of the field trips and related activities undertaken in the Kathmandu Valley has a fundamental goal: to build partnerships and advance the local agenda for development and implementation of a comprehensive DRMMP for the city. At the same time, additional objectives are promoting the Megacity Disaster Risk Management Knowledge Base (MDRM-KB) jointly launched with the Pacific Disaster Center and the collection of Sound Practices to enhance the data base.

The field trip of May 15-19, 2006 is the event to:

1. Hold detailed discussions with NSET-Nepal and KMC on the specific areas of cooperation and actions to be undertaken jointly by KMC, NSET, and 3cd,
2. Begin to expand the consultation process with additional stakeholders,
3. Discuss options and priorities for the DRMMP, and
4. Survey the current ICT capabilities at KMC and other key institutions.

Format

Structured discussions at different levels are proposed. They will focus on setting priorities, timeframes, and responsibilities related to the specific areas of KMC-NSET-3cd cooperation,

i.e. establishing a 3cd program work plan for 2006 and beyond. It is expected that 3cd, KMC, and NSET-Nepal will collaborate on developing joint proposals for funding the implementation of the agreed-upon high priority action items.

Consultations with additional stakeholders will contribute to the DRMMP planning process by discussing options and contributing input on priorities. This will allow the team to improve the proposed DRMMP framework outlined and attached to this agenda, understand constraints, and begin to develop a realistic and comprehensive implementation plan that is anchored in the realities of Kathmandu and Nepal but benefits from the experience and expertise of the entire 3cd Team.

Given the strong linkages that NSET has developed with the community and the municipal interest in augmenting risk reduction, preparedness and response capabilities at the ward level, a planning session regarding emergency response considerations will be pilot-tested with one ward. Options to approach community preparedness and livelihood enhancement via strengthening these local units' preparedness through emergency response and evacuation plans can be considered.

In addition, a seminar/workshop is considered as an initial activity to progressively develop the mechanism and capability for building code implementation and enforcement and construction quality control.

Using a standard survey questionnaire prepared by PDC and with the support of the local team, one-on-one interviews will be scheduled to conduct a detailed survey to better understand GIS capabilities for the potential implementation of ICT tools to facilitate risk communication. At the same time, key informants of previously identified sound practices will be contacted to further review/add to the available sound practice documents.

Resource Group

The Program Implementation Team (3cd-PIT) will be integrated by the following persons:

Amod Dixit	NSET	3cd Local Investigator
Ram Ch. Kandell	NSET	3cd Project Manager
Fouad Bendimerad	EMI	EMI chair
Jim Buika	PDC	3cd Principal Investigator
Jeannette Fernandez	PDC/EMI	3cd Component 1 Coordinator

The main points of contact at Kathmandu Metropolitan City are:

Devendra Dongol	Land use and Planning Department
Kumari Rai	Disaster Risk Management Unit

Annex 1

Outline for Simple Model Emergency Plan at the Ward Level

Prepared by Shirley Mattingly

I. Basic Plan

1. Purpose
2. Organizational Structure
3. Coordination
4. Functions and Responsibilities
5. Dissemination of Emergency Information
6. Inventory of Resources
7. Risk Analysis

II. Response and Relief Operations

1. Evacuation
2. Search and Rescue
3. Damage and Needs Assessment
4. Medical Care
5. Firefighting
6. Security
7. Sheltering and Provisions for Victims

1. Purpose

This Plan is intended to save lives in case of earthquake or other disaster by:

1. Establishing a systematic means of coordinating emergency actions in response to a disaster
2. Defining roles and responsibilities of various entities and individuals
3. Disseminating information to the public to ensure appropriate response.

2. Organizational Structure

The ward Chairman is responsible for forming a Ward Disaster Management Committee, which will have primary responsibility for coordinating preparation, response and relief at the ward level.

Annex 2

ICT Survey for Kathmandu Valley

Background

To explore local capabilities, hardware, software and other related options available in the pilot city Kathmandu, in neighboring municipalities and within different local, regional and national organizations, an expert team from the Pacific Disaster Center is expected to undertake a specialized survey during the upcoming field trip to Kathmandu confirmed May 15-19/2006.

Procedure

PDC will produce a survey questionnaire that will be used by the local team to interview representatives from the following organizations will be scheduled with the assistance of Mr. Ran Kandell, 3cd project manager from NSET:

Kathmandu Valley Town Development Committee
Ministry of Local Development
Dept. Urban Development and Building Construction
Kathmandu Metropolitan City
Municipality of Lalitpur

Dr. Bhai Kaji Tiwari
Som Lal Subedi
Purna Kadarya
Devendra Dongol
Suman Shrestha
Niyam Maharjan

Municipality of Baktapur
Municipality of Timi
Other organizations such as ICIMOD and the Universities

The standardized survey questionnaire developed by PDC and used in Metropolitan Manila will be used for this purpose. The opportunity will be taken to identify the availability of necessary data to produce a Map Viewer and additional sound practices in Kathmandu

Output

A report identifying software and hardware requirements for the implementation of the Map Viewer, assessment of the feasibility of its successful development and implementation, identification of the owners of relevant data, identification of the most capable organization as recipient of the Map Viewer with enough competence for its maintenance, use and promotion of this tool.

Annex 3
Seminar Workshop
Options for Building Code Implementation and Enforcement

Background

In 2003, the Council of Ministers made the National Building Code obligatory for all government building constructions in Nepal, setting a good precedent and providing a good example to be followed by private owners and corporations. The council also urged municipal authorities to strengthen current building permit processes and compliance for all new constructions in urban areas.

Lalitpur Sub Metropolitan City (LSMC) was the first to initiate this implementation process and Kathmandu Metropolitan City (KMC) has just started in August 2005. Citizens who wish to construct buildings within the city are required to fill the forms of both building by-laws and building codes before they can get their blueprints endorsed.

Major problems encountered relate to the buy-in of the initiative particularly from the private owners who do not want to bear additional costs and do not see the immediate benefits of such an initiative.

Purpose of the workshop

1. To understand the structure and procedures put in place by LSMC and KMC to enforce the use of the building code
2. To identify major road blocks and impediments to its compliance
3. To discuss elements of a strategy that promotes the use of the building code and its enforcement by local authorities
4. To show similar experience from other cities in the EMI Global Network

Target participants

This workshop is addressed to engineers, architects, professionals in the construction field as well as administrative personnel in charge of enforcing the use of the building code. Students and delegates from the universities and professional organizations are welcome to attend the workshop and actively participate in the discussions.

Structure of the workshop

Two plenary sessions and a Small Group Discussion are planned for a one day long event. During the initial plenary, three short presentations to help set the background for the discussions have been planned; later the participants will be clustered in small groups to carry on a SWOT (Strengths, Weaknesses, Opportunities and Threats) Analysis and to discuss possible strategies to accomplish the goal of promoting the use of the building code and setting effective mechanisms for its enforcement. Each group will count on a facilitator and a rapporteur who will make a short presentation that reflects the common understanding of the group regarding their own role in the process of Building Code implementation. A five-point strategy is expected to be drawn by all the participants by the end of the event.

Tentative Agenda

Plenary Session 1

The 3cd Program methodology and the building code as a useful tool for disaster risk reduction in The Valley of Kathmandu
F. Bendimerad, 20 min

National and regional perspective for the Building Code implementation
TBD, 20 min

The Lalitpur SMC experience on implementing the Building Code
Niyam Maharjan, Earthquake Safety Section, LSMC, 20 min

KMC strategy to enforce the use of the Building Code
Devendra Dongol, Urban Development Department, KMC, 20 min

Practices from other EMI network cities
J. Fernandez or F. Bendimerad 3cd Program, 20 min

Questions and Answers
Moderator: Amod M. Dixit, 20 min

Total plenary session 1: 2 hours

Group Discussion

The participants are convened in three groups according to their specific fields of interest i.e. (1) professionals dealing with the structural design and construction, (2) delegates from the private sector and the universities, and (3) policy makers/administrators. **Total time 1 hour and 30 min.**

Plenary Session 2

Presentation Group 1, 10 min
Presentation Group 2, 10 min
Presentation Group 3, 10 min

Deciding on a 5-point strategy that the group will collectively accept to accelerate the code implementation and enforcement process, 30 min

Agreements and Wrap up, NSET representative, 10 min

Closure by the hosts, 5 min

Total plenary session 2: 1hour and 15 minutes

Note: Breaks and recesses will be taken as needed

SWOT Analysis Template

Aim: To develop an effective building code implementation and enforcement process (BCIEP)

<p>Strengths: (internal factors) What unique resources can my sector/organization draw on to promote code enforcement and facilitate the implementation process?</p>	<p>Weaknesses: (internal factors) Which are the major impediments for the BCIEP? How can we collectively improve it?</p>
<p>Opportunities: (external factors) What good opportunities are open for the process? What trends could we take advantage of? Looking at our collective strengths, how can we turn these into opportunities?</p>	<p>Threats: (external factors) What trends could harm or impede the process? Looking at our weaknesses, what threats do these expose you to the BCIEP? To your specific sector?</p>