DiMCEP Newsletter No.4 December 2011

JICA Disaster Management Capacity Enhancement Project Adaptable to Climate Change

Counterpart Training Program in Japan

Counterpart Training Program in Japan was conducted from 17 October to 4 November. Five trainees from Counterpart Organizations such as DMC, DDMCU, DOI, DOM and NBRO have participated.

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Counterpart Training Program in Japan

Outline of Training Program

Objective

- Awareness for Disaster Management is enhanced and the necessity to work together for disaster management with related organizations is recognized through the study on disaster management system in Japan.
- Knowledge and experience by the training program are utilized to solve the issues for implementation of the project.

Schedule

	Sediment disasters (DMC, NBRO)	Flood disaster (DDMCU, DOI)	Meteorology (DOM)
17 Oct			Weather forecasting service in Sri Lanka
18			Training of NWP Model
19			Training of NWP Model
20	*Arrival at Narita*		Application of weather forecast guidance
21	Lecture on Tsunami Disaster in Japan		
22	Field Study in Tsunami affected area		
24	Flood management in Japan Sediment disaster countermeasures in Japan		
25	Landslide monitoring and countermeasures	Flood management at Tone river	Weather information provision to public / Improvement of forecast operation of DOM
26	Countermeasures for slope failure	Flood management facilities in urban area	
27	Midterm debrief session Information sharing on disaster management		
28	Disaster management training program for local government		Forecast operation for disaster management by JMA
30	Kinki Area Comprehensive Disaster Management Drill		
31	Tank management for Disaster Management		
1 Nov	Disaster management at prefecture level		
2	Disaster management at municipality level		
4	Presentation / Evaluation meeting		

Participants

Name	Position	Organization
Eng.S. Mohanarajah	Regional Director, Batticaloa Region	Department of Irrigation (DOI)
Mr.A.G.M.N. Wimalasuriya	Meteorologist	Department of Meteorology (DOM)
Mr.R.M.B. Somaratne	Scientist/Geologist	National Building Research Organization (NBRO)
Mr.Sugath Dissanayaka	Director, Training & Public Awareness Division	Disaster Management Centre (DMC)
Mr.A.M.A.N. Chandrasiri	Assistant Director, Gampaha DDMCU	District Disaster Management Coordinating Unit (DDMCU)

Program

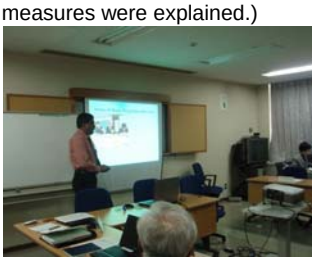
Field visit to Tsunami affected area (Destroyed city was inspected.)

Participation to Comprehensive DM Drill (Facility to experience the heavy rainfall was challenged.)

Study on the tank management for flood (Biggest tank in Kagawa Prefecture was inspected.)

Study on the role of prefectural government (Flood control measures were explained.)

School education for 12 years old students (discussion with school children was made.)



Evaluation Meeting (Presentation on their experience and idea for application to Sri Lanka.

Utilization of Experience

This training experience has been shared with related officers by following programs.

Counterpart Meeting (on 21st November)

The training participants presented the training result. And the attendees discussed actively regarding the topics which were raised by the participants.

Annual Seminar 2011

The group discussion was held at the seminar program on 1st December. The discussion theme was provided based on the topics which had been presented at above counterpart meeting.

Activity 1-4 for Disaster Impact Assessment (DIA)

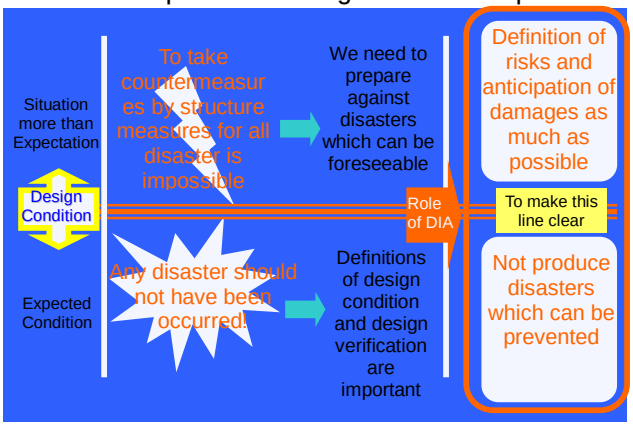
Progress of Activity 1-4

Activity 1-4 is "Formulation and trial of a system to assess and mitigate disasters that may be caused by development projects". The following is the contents of the activity.

1) Survey on the progress of establishment of the system
2) Site survey and data collection
3) Development of DIA concept
4) Selection of target project for trial of DIA
5) Support of establishment of the DIA system

Conducting site survey and development of DIA concept

DIA concept was developed based on the result of site survey. Purpose of DIA is to assess the influence of disasters and countermeasures to minimize the damage for the development actions holistically. And the role of DIA is to make clear the design condition and define the risks and anticipate the damage as much as possible.

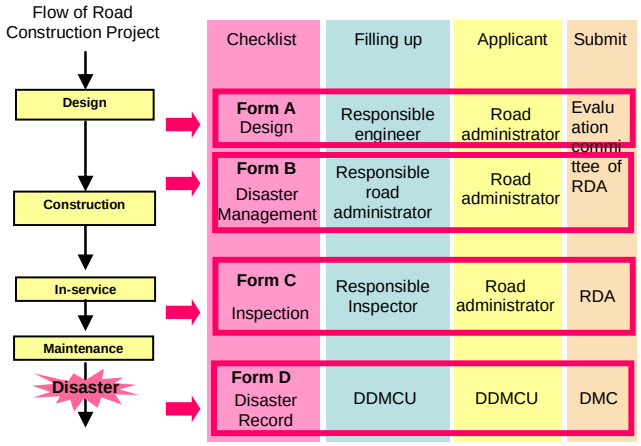


Concept of DIA

Preparation of checklists

After developing the DIA concept, DMC and DiMCEP team prepared draft checklists for road projects based on the DIA concept.

The objective of the checklist is confirmation of hazardous areas and countermeasures to minimize the damage of the road and surrounding area. The checklist consists of four forms as shown below.



Checklist for Road Project

Form A is to confirm design standard and design condition. And also hazard locations and structural measures for each location are confirmed.

Form B is to understand the hazard locations, hazardous state and the structural countermeasures. And also the non-structural measures, cooperation with local government and related organizations etc are confirmed.

Form C is to inspect the condition of hazardous locations and structural measures by periodical checkup.

Form D is to record the disaster situation by site visits and interviewing people in the affected area.

Current activities

DMC have requested RDA to check the contents of checklist Form A, B and C. Form D is being checked by DDMCU. After the check by RDA and DDMCU, the checklist will be finalized.

Site Survey and Discussion with RDA

Next Activities

1) Preparation for Guideline of DIA system for road project
2) Preparation for Checklist manuals and samples
3) Conducting trial of this DIA system for a selected road project
4) Evaluation of trial results and modification of the DIA system
5) Introduction of this system to other relevant sectors

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