



News Letter No. 4

The Project for Building Disaster Resilient Societies In the Central Region in Vietnam

July 1st, 2011

1. Introduction

The Project for Building Disaster Resilient Societies In the Central Region in Vietnam has been carried out by JICA (Japan International Cooperation Agency). The project was started in March 2009 and will be continued to February 2012. The third year activities have been commenced and many outputs were achieved. This News Letter will report the main activities, output of the 3rd year and the programmed activities of remain.

2. Lesson from Japan Earthquake and Tsunami

We received many supports from Vietnam and overseas during earthquake and tsunami, March 11, 2011. We Japanese encouraged by these hurtful supports. We engineer believe that we must transfer our experience learned from this earthquake and tsunami to all over the world. Especially, tsunami is expected at the east coast of Vietnam caused by Manila Trench earthquake. JICA expert made presentation in Quang Ngai, Quang Nam and T.T. Hue what we have learned from this earthquake and What Vietnamese people take care for tsunami disaster. This presentation will be continued in Hanoi and Da nang.



Presentation of Earthquake and tsunami, 3.11, 2011 (T.T.Hue, Quang Nam)

3. Construction of Evacuation shelter in Pilot project site

Eight (8) Evacuation shelters will be constructed at the pilot project sites of CBDRM in this project. Currently, selection of the sites and designing of the shelter are in process. Safe and useful (can be used during usual time) evacuation shelters will be constructed based on the lessons learned from 1st and 2nd year activities and knowledge of the Vietnamese people and JICA experts.



Explanation for residents (Huong Tho, T.T. Hue)



Examination of the site (Huong Tho, T.T. Hue)

4. Installment of Flood Mark Plate

Flood mark survey has been carried out from last year in T.T. Hue and Quang Nam. In this period, 600 plates were installed in Quang Nam. Several plates were installed in Hoi An historical area. Please look these plates when you are in Hoi An.



Installed Flood Mark Pates



(Hoi An, Quang Nam)

5. School Disaster Education

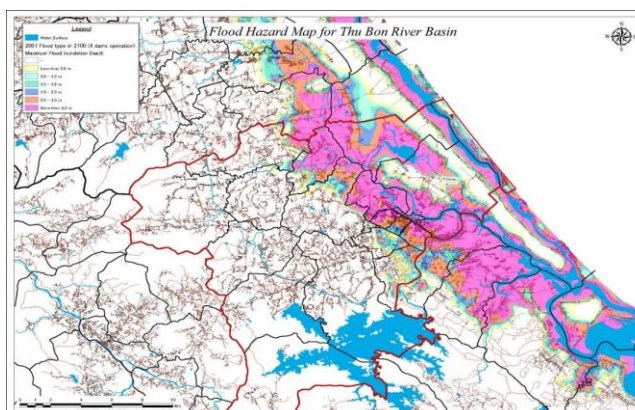
School disaster education was carried out at 3 primary schools in T.T. Hue. Opening ceremony, painting contest, evacuation game, prize giving ceremony were carried out in this activities.



Pupils eagerly respond evacuation game

6. Flood Simulation

Computer flood simulation has been carried out in T.T. Hue and Quang Nam. In this period, the flood at 2050 and 2100 considering climate change were conducted at Quang Nam. This flood simulation is carrying out under the cooperation of Vietnamese engineers and JICA experts and it's technical transfer is carrying out during execution of the simulation. It is expected that Vietnamese engineers will be able to carry out flood simulation by themselves after this project.



Example of flood simulation result considering climate change (Quang Nam)



Discussion of the modeling



On the job training

7. Integrated Flood Management Plan

Formulation of the integrated flood management plan has been carrying out based on the survey, analysis and flood simulation in this project. Integrated plan pursue flood management by the combination of various methods not only by hard method such as Dam and dyke. Further, various cases after the plan is executed are simulated as the impact assessment by the established flood simulation model.

The committee which is composed of main 10 organizations (PPC, DARD, DOIT, BIFSC, PHC, DOC, DONRE, DOY, DOF, DPI) members was established to formulate integrated flood management plan. The formulation committee is held every half moth. Vital and substantial discussions are exchanged between organizations



First committee meeting (2011/5/27)



Second committee meeting (2011/6/14)

8. River Bank Protection

Pilot project constructions for low cost and small scale river bank protection were carried out at T.T. Hue and Quang Nam. The pilot sites protect erosion of the bank during flood in last year. Based on the lesson in this pilot sites Guideline of the low cost and small scale river bank protection will be formulated and adapted for all over the Vietnam. The draft of the guideline has been completed. This draft will be elaborated with MARD engineers and finalized within this year.



River bank protection pilot site (Quang Nam)

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