

4-4. Capacity Building in ASEAN region

4-4-1. Capacity Building related to the Use of Satellite Information

(1) Objectives

The purpose of this project is to improve the skills and knowledge of administrative personnel in charge of disaster mitigation and disaster risk management so they can effectively use satellite images and data.

(2) Outline

This capacity-building program will include seminars, workshops, and training sessions. It will target the ASEAN-8, excluding Malaysia and Singapore, and will consist of the following:

- 1) A survey of users' needs regarding the content of the seminar and training content.
- 2) A one-day seminar in each target country
- 3) A five-day training course in each target country
- 4) A regional workshop

(3) Progress

This project is being implemented in cooperation with Asian Institute of Technology (AIT in Bangkok, Thailand). Until last year, all planned seminars/trainings were finished.

This year, ADRC collaborated with LAPAN organizing the 2nd regional workshop entitled "ASEAN Cooperation Project on Utilization of Satellite Images for Disaster Risk Management". This workshop is aimed at reporting all activities in this project. This workshop was held on June 26-27, 2012 at Salak Hotel, Bogor - Indonesia.



Fig. 4-4-1-1 State of the meeting

4-4-2 Capacity Building for Local Government Officials

(1) Background

Local government officials play pivotal roles in every phase of disaster management cycle including preparedness, emergency response, recovery, mitigation and awareness raising. However, they have limited opportunities to receive relevant training. This project aims to provide local government officials with opportunities to learn disaster management and technologies for further strengthening their capacity to cope with disasters as well as to develop bases for conducting ongoing training in the ASEAN countries in the future.



Fig. 4-4-2-1 Participants

(2) Outline

This project consists of three components:

- 1) Development of a sustainable training system for local officials,
- 2) Development of training materials and modules based on disaster situation and training needs of each country, and
- 3) Organization of training for local officials

Since 2008, ADRC and each National Disaster Management Organization (NDMO) have been working together for the above-mentioned components in cooperation with DRR stakeholders...

(3) Progress

After conducting local officials training in each country, ADRC organized a regional workshop in order to mark the completion of the project and to share best practices in capacity development for local government officials by inviting ASEAN Secretariat and its member countries.

The regional workshop was held in December 2012 in Bangkok, Thailand with 15 participants from Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, the Philippines, Thailand, Vietnam, ASEAN Secretariat, and ADRC.

During the workshop, all presenting countries briefed on the activities of the project, current activities in capacity building of local officials, and expectations to further activities. Overall, they commented concluded the activities brought about successful results in the region and would continue training by utilizing training modules and materials that were developed in the project. Also, they expressed the expectation for further capacity building programs to ADRC.

4-4-3. Promotion of Disaster Education in Schools

4-4-3-1. Outline

ADRC has been training the teachers and develop disaster education materials including student's textbook and teacher's manual for better disaster education in schools. It aims to promote disaster education through the training of school teachers in elementary and junior high schools. After training the teachers, the pilot classes and the seminars will be held with the education material and teacher's manual tailored to the each country's context.

4-4-3-2. Progress

Asian Disaster Reduction Center (ADRC) and the Youth and Sports division of the Ministry of Education of the Kingdom of Cambodia conducted pilot classes at both the primary and lower secondary schools in Phnom Penh on 4 May, 2012, following the TOT in March.

In Grade 4 of Banteay Primary School, the pilot teacher talked about land use in Cambodia during a social science class. Students learned about the advantages of Tonle Sap Lake in terms of rice cultivation, and its disadvantages in terms of related flood risks.

After the pilot class, on 5 May, 40 teachers were invited to a session where they could share the lessons learned during the pilot classes. Many of the teachers indicated a desire to expand their knowledge of natural disasters and to have more training opportunities in the future.



Fig. 4-4-3-1 Pilot Class of Teachers (Cambodia)



Fig. 4-4-3-2 Seminar (Cambodia)