

PD-ABU-298
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Grant Completion Report

**Grant Award No. AOT-G-00-00-00279-00
Disaster Mitigation /
Management Capacity Building in Asia
Through ADPC**

Submitted to:

**US Office of Foreign Disaster Assistance
(USAID/OFDA)**

15 November 2001

Submitted by



Asian Disaster Preparedness Center

Bangkok, Thailand

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I. Executive Summary

Organization:	Asian Disaster Preparedness Center	Date:	September 30, 2001
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Program Title: Disaster Mitigation / Management Capacity Building
in Asia through ADPC

Cooperative Agreement / Grant No: AOT-G-00-00-00279-00

Country(ies) / Region(s): Asian

Disaster/Hazard: Natural and Man Made

Time Period Covered by This Report: October 1, 1999 to September 30, 2001

Briefly summarize the activities undertaken during the reporting period detailing progress made towards achievement of program goals and whether expected results remain unchanged from the original proposal.

The program on "Disaster Mitigation/Management Capacity Building in Asia through ADPC" aims to build the capacity of ADPC to initiate and implement new disaster management and mitigation programs on a needs and demands driven basis in Asia by insuring ADPC financial sustainability.

As stated in ADPC's September 1999 proposal to OFDA and identified in the "Towards Independence" Report of 1998 that was jointly funded by AusAID, DANIDA, OFDA/USAID, it is necessary for ADPC to establish a working capital reserve fund of US\$500,000. The purpose of the US\$500,000 working capital reserve fund is to underpin ADPC's financial viability in its first several years as an independent organization and to ensure optimal and sustainable organizational growth as per its strategic plan.

The proposal stated that full establishment of the working capital reserve fund as soon as possible was viewed by ADPC Executive Management as one of two key strategic financial objectives of the first several years of ADPC's existence as an independent organization. The other key strategic financial objective that is also nearing achievement is the establishment of a broad base of financial support from a broad range of funding sources.

ADPC received the first payment from USAID/OFDA at the amount of US\$219,960.01 in December 2000 and received the second payment at the amount US\$30,655.99 in June 2001. ADPC has now received a working capital reserved fund from AusAID the amount of A\$396,297.46. With this, the total amount of ADPC Capital Reserve Fund stands at US\$500,000 as of June 30, 2001, which allows ADPC to deliver training programs and other activities to respond to the needs of the countries in the region.

Objective #1:

Increase the Capacity of Selected Asian Institutions to Manage and Mitigate Disasters.

The Urban Disaster Mitigation Course (UDM) was included in the academic syllabus of School of Environmental, Resources, and Development, School of Management and School of Civil Engineering at the Asian Institute of Technology in the September 1999 term.

In November 1999, ADPC conducted one regional course on Disaster Management (DMC-25), which was attended by 25 participants. In the year 2000, ADPC delivered four courses: two course on Disaster Management (DMC-26 and 27); two courses on Community Based Disaster Management (CBDM 4 and 5).

Indicator and current measure:

Number of professionals in disaster related organizations using enhanced disaster management or mitigation skills (target: 50)

Resources

Budget:	US\$233,100.00
Cumulative Expenditures to Date:	US\$243,305.49
Balance:	US\$(10,205.49)

Objective #2:

Increase Availability of Disaster Related Information in Asia.

ADPC published and distributed the Disaster Management News, Vol. 6, No. 1 (January – March 2000); No. 2(April – June 2000); and No. 3-4 (July – December 2000) to disaster related organizations and individuals in twenty-four countries in the Asian region.

Indicator and current measure:

Number of organizations and individuals in the region with enhanced access to disaster management-related information (target: 400)

Resources

Budget:	US\$17,526.00
Cumulative Expenditures to Date:	US\$ 7,320.51
Balance:	US\$10,205.49

Objective #3:

Ensure Financial Sustainability and Build ADPC Capacity to Initiate Regionally Supported and Funded Programs.

ADPC has retained an adequate capital reserve fund and operational cash flow account to ensure its financial viability, accommodate sufficient resources to fulfill the ongoing needs of its operations, and demonstrate its capacity to initiate disaster reduction programs in Asia.

Indicator and current measure:

The financial solvency of ADPC on an annual basis over a five-year period. (This can be measured by reviewing annual budgets, end-of-year financial statements and annual audit statements.)

II. Program Overview

The program endeavors to build ADPC capacity to initiate disaster mitigation programs on a needs and demands driven basis in Asia by insuring ADPC financial viability. The key objectives of the program were:

- 1) To increase the capacity of selected Asian institutions to manage and mitigate disasters – support of specific training and professional development activities enables ADPC to increase the capabilities and skills of professionals in disaster-related institutions throughout the region, increase its own capacity to deliver training programs and improve the quality of those programs.
- 2) To increase availability of disaster related information in Asia – support to Disaster Management News increases the availability and exchange of hazard-related information in the region and increase the sustainability of ADPC's information unit; and
- 3) To ensure financial sustainability and build ADPC capacity to initiate regionally supported and fund programs – use of program income and counterpart contributions from activities of #1 and #2 above to ensure ADPC sustainability by developing capital reserve and cash flow accounts and, as other funds offset the program income and counterpart contributions generated by this grant, initiate new disaster management and mitigation programs. New programs are identified in collaboration with ADPC partners on a demand-driven basis and based on an assessment of regional needs.

III. Program Performance

Objective One:

Increase the Capacity of Selected Asian Institutions to Manage and Mitigate Disasters

Regional Academic Program:

The Urban Disaster Mitigation course (UDM) was reviewed and revised to meet the needs and aspirations of an elective course of the School of Management, Asian Institute of Technology (AIT). The course focused on developing students' awareness and skills in assessing and managing risk from both natural and manmade hazards as function of urban management and development. The course topics include concepts of disaster management and mitigation; trends in urban development in Asia; specific hazards and their impact in Asia; hazard and vulnerability assessment; interpretation and use of risk maps; disaster mitigation and protection of lifelines and critical facilities; land use planning and zoning; building codes development and implementation; environmental assessment and management at the city level; analysis of mitigation options; city level disaster management; multi-sectoral partnerships for disaster mitigation; and education and public awareness for disaster mitigation.

The UDM course was successfully converted into a three-credit graduate course and delivered to the master's degree program students from AIT's School of Environment, Resources and Development, School of Management and School of Civil Engineering in the September 1999 term. Thirty-five graduate students attended the course.

Regional Short-Term Training Programs:

Prior to the deliveries of the Disaster Management Course and the Community-Based Disaster Management training courses, the curricula were reviewed, adjusted and improved as per the recommendations made by the team, consultants and previous course participants.

The Disaster Management Course (DMC) was delivered three times. The course emphasized particularly on the history, institutional arrangements, and issues in disaster management in the Asian and Pacific regions. Topics include understanding hazards, assessing and monitoring disaster risks and impacts; disaster mitigation; disaster preparedness; disaster management practice; national and international disaster management and response systems; emergency services and response; and rehabilitation and reconstruction. The course modules included: 1) introductions and disaster context; 2) disaster risk management models; 3) understanding hazards; 4) disaster management considerations; 5) disaster risk management; and 6) cross-cutting themes. Course participants typically included senior and mid-level national and local government officials, staff from emergency response, relief, and development agencies, and private sector organizations with responsibilities for disaster management and planning.

In November 1999, ADPC conducted its Twenty-Fifth Disaster Management Course (DMC-25). There were twenty-five participants from twelve countries; Bangladesh (2), Ethiopia (1), Hong Kong (1), India (3), Iraq (1), Madagascar (2), Malaysia (2), Myanmar (1), Philippines (3), Singapore (1), Sri Lanka (7), and Vanuatu (1).

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In November 2000, ADPC delivered its Twenty-Sixth Disaster Management Course (DMC-26). The course was attended by 36 participants from Australia (3), Bangladesh (17), Hong Kong (2), India (8), Myanmar (2); Nepal (1), Philippines (2), and Sri Lanka (1).

The Twenty-Seventh Disaster Management Course (DMC-27) was delivered from 16 March to 6 April 2001. There were 22 participants from Australia (1), Bangladesh (6), Cambodia (1), Fiji Islands (2), Haiti/Cuba (1), Lao PDR (2), Philippines (1), Sri Lanka (1), Thailand (6), and Turkey (1).

The Community Based Disaster Management Course (CBDM) was delivered twice. The course aims to increase the understanding of participants of the community based approaches to disaster management, including mitigation, preparedness, response and rehabilitation. The course topics include disaster management concepts and issues; concepts of hazards and vulnerability; principles and methods of community based approaches; community based disaster management practice; community based disaster preparedness planning; building community capability; community risk assessment; training and public education; project design and implementation; and community resource management

The Fourth Community-Based Disaster Management (CBDM-4) was delivered in July 2000 in partnership with Duryog Nivaran, a South Asian network of NGOs and individuals promoting disaster mitigation in the region. Twenty-three participants attended the course from Afghanistan (1), Bangladesh (2), Georgia (1), India (5), Indonesia (2), Libya (1), Pakistan (1), Philippines (2), Singapore (1), Solomon Island (1), South Africa (1), Uganda (1), and Vietnam (4).

ADPC conducted the Fifth Community-Based Disaster Management (CBDM-5) in August 2000. There were sixteen participants from five countries attending the course; Cambodia (1), India (6), Sri Lanka (7) and Thailand (2).

Objective Two:

Increase Availability of Disaster Related Information in Asia

Asian Disaster Management News:

The Asian Disaster Management News is the flagship ADPC publication. It serves as a mechanism to disseminate new research and other current information on disaster preparedness, management and mitigation practice in Asia. It is distributed to disaster management practitioners throughout Asia such as staff in government and non-government emergency response and relief agencies, development organizations, international agencies, researches and relevant private sector staff.

Each issue focuses on a different theme and offers regular columns include "From the Grassroots", "ADPC Regional Programs Highlights"; "Duryog Nivaran"; "IDNDR News"; "ASEAN Regional Forum"; "Bookmarks: Recent Publications"; "Book Review" and "WWW sites".

The Asian Disaster Management News Vol. 6 No. 1 (January – March 2000) was published and distributed in March 2000. The theme of the issue was *Reconstruction After Disaster*. This issue included the following special features: “retrofitting after or before disaster”; “Maharashtra Emergency Earthquake Rehabilitation Programme”; “rehabilitation and reconstruction in post-conflict situations: the Liberian case”; “The Fifth AUDMP annual working group meeting” and “Bangladesh Urban Disaster Mitigation Project”. It also introduced recent publications related to the theme.

The April – June 2000 issue of the Asian Disaster Management News focused on *The Influence of the Media on Perceptions of Public Health Issues in Disaster Management*. The articles included “health interventions in flood shelters”; “gender auditing Malaria relief”; “regional workshop on damage assessment and needs analysis”; “ADPC-DIPECHO partnership in Southeast Asia”; “enhancing hospital disaster preparedness”; “Extreme Climate Events (ECE) Program in Vietnam”; “Program for Enhancement of Emergency Response (PEER) update”; “Asian Urban Disaster Mitigation Program (AUDMP) Highlights”, “promoting community-based approaches in disaster management”; and “ADPC training for the Beijing Civil Affairs Bureau”.

The theme of the Asian Disaster Management News Vol. 6, No. 3-4 (July – December 2000) was *National Natural Disaster Knowledge Network for India*. The Duryog Nivaran column discussed success stories on networking in disaster management and analyzed on what makes networks work and what makes them unsuccessful. This issue introduced two new columns: “from our readers” that includes feedback from the readers; and “interview” that features interviews with people working on policy, program management and operational aspects of disaster management.

Objective Three:

Ensure Financial Sustainability and Build ADPC Capacity to Initiate Regionally Supported and Funded Programs

The necessity for ADPC to establish a working capital reserve fund of US\$500,000 was highlighted in the 1998 “Towards Independence” Report, which was jointly funded by AusAID, DANIDA, OFDA/USAID. The purpose of the US\$500,000 working capital reserve fund is to meet the ongoing needs of its operations, and demonstrate its capability to initiate disaster reduction programs in Asia, and gain regional support and funding for those programs. In June 2001 ADPC successfully established the US\$500,000 working capital and operational cash flow account by utilizing program income and counterpart contributions offset by the training and information activities generated by this grant and AusAID grant.