

# 7 Securing a Good Understanding of Problems with Disaster Reduction Education and Trainings in the Asian Region

## 7-1 Background and Policy

We have developed a database on disaster reduction education and trainings after securing a good understanding of the needs for disaster reduction education/trainings in Asian countries and gathering information on disaster reduction education/training programs (disaster reduction training course) conducted in countries worldwide. We have now started publishing the information on our home page.

## 7-2 The Needs of Asian Countries concerning Disaster Reduction Education and Trainings

Described below are some of the needs concerning disaster reduction education and trainings in Asian countries as listed by member/advisory countries:

1. Regional cooperation in human resources development (India);
2. Development of experts in emergency search/rescue activities (Malaysia);
3. Development of experts in risk assessment/analysis, disaster relief communications and disaster reduction analysis (Mongolia);
4. Improvement of training in disaster reduction, early warning, emergency relief, rehabilitation and reconstruction (Nepal); and
5. Strengthening of training in disaster reduction technology (Philippines).

## 7-3 Database of Training Courses for Development of Disaster Reduction Experts

In fiscal 1998, we made inquiries to the United Nations and other international organizations, international disaster reduction organizations and governments concerning their disaster reduction experts' training courses. We built a database of available training courses (75 courses by 31 organizations), which is open to the public on our home page.

The database includes course name, organizer, specialized fields, duration, cost, curriculum, contact address, e-mail address, etc. Shown in Table 7-3-1 is an excerpt of the training course database.

## 7-4 Disaster Reduction Education and Trainings by the Center

The Center plans to develop disaster education and training programs and organize training courses. In fiscal 1998, we were able to organize only a few short-term education and training programs.

One of them is a one-month disaster reduction training course in an overseas technical trainee program set up by the Hyogo Prefectural Government. The trainee (Mr. Shen Fan Luan, Deputy Director, Observation &

Forecasting Center, Seismological Bureau of Hainan Province, P.R. China) was given training in the provision of disaster reduction information via the Internet. On returning home, he is expected to help build a disaster reduction information network with China via the Internet.

Shown in Table 7-4-1 and 7-4-2 are lists of training courses on international disaster reduction cooperation, the present status of disaster reduction measures in Japan and the disaster reduction information network, offered to disaster reduction staff and fire-fighting staff of local governments, overseas disaster reduction experts and the mass media.

## 7-5 Future Policy

In fiscal 1999, we will gather curricula and texts for each training course, while expanding our database of disaster reduction training courses. We also plan to start preparations for developing disaster reduction education and training programs and organizing training courses in the near future.

Table 7-3-1 List of Training Courses (excerpts)

<Entire Table → <https://www.adrc.asia/training.asp>>

Organization	Abbreviation	Training course(one course each)
Asian Disaster Preparedness Center	ADPC	First Regional Training Course on "Urban Flood Hazard Mitigation
Australian Emergency Management Institute	AEMI	Vulnerability Assessment
Canadian Center for Emergency Preparedness	CCEP	World Conference on Disaster Management
Cranfield Disaster Management Centre	CDMC	Disaster Management Training for the International Decade for Natural Disaster Reduction
Canadian Emergency Preparedness College	CEPC	Basic Emergency Preparedness
Crisis Management and Preparedness Organization	CMPO	Emergency Operations Center Simulation Training
Center of Excellence in Disaster Management & Humanitarian Assistance	COE	Combined Humanitarian Assistance Response Training
California Specialized Training Institute	CSTI	Emergency Management
Emergency Measures Organization Nova Scotia	EMONS	Basic Emergency Preparedness
Harvard School of Public Health	HSPH	Planning for Nuclear Emergencies
Indiana Public Safety Training Institute	IPSTI	
International Institute for Aerospace Surveys and Earth Science	ITC	Professional Master & Master of Science courses Application of Geoinformation to Natural hazard Studies 1999-2000
Chiba Earthquake Countermeasure Section	J101	Training for leaders of voluntary disaster prevention organizations
TMG Disaster Prevention Center	J102	Disaster Prevention Citizens' University
Tokyo Red Cross	J103	First Aid Disaster Relief Seminar

Metropolitan Fire Department	J104	Volunteer for disaster support
Disaster Relief Volunteer Activity Promotion Committee	J105	Safety Leader
Gifu Fire Fighting and Disaster Prevention Section	J107	Gifu Disaster Prevention Intensive Seminar
Shizuoka Prefectural Government	J108	Comprehensive Disaster Prevention Course
Hiroshima Disaster Prevention Center	J109	
Miyazaki Fire Fighting and Disaster Prevention Section	J110	Citizens' Disaster Prevention Course
Massachusetts Emergency Management Agency	MEMA	Advanced Operations Course
New Zealand National Civil Defence School	NZNCDS	Emergency Planning
Victoria State Emergency Service	VICSES	Emergency Management Planning

Table 7-4-1 Short-term Disaster Reduction Training (Non-Japanese trainees)

Date	Place	Nationality	Main participants, Number of attendance	Curriculum
Oct.13, '98	ADRC	Botswana, Ethiopia, Ghana, Kenya, Nigeria, South Africa, Tanzania, Zambia	African Journalist Press Tour, Foreign Press Center, Group of 8	International Decade for Natural Disaster Reduction, number of natural disasters worldwide and economic damage caused, Great Hanshin-Awaji Earthquake, international disaster reduction cooperation, brief descriptions of ADRC's activities, etc.
Nov.18, '98	ADRC	China, Indonesia, Mexico, Oman, Philippines, Saudi Arabia, Sri Lanka, Thailand	Disaster Relief and Management Training Course, JICA, Group of 11	
Nov. 19, '98	ADRC	China	Mission for Regional Development Planning, China Association for Science and Technology, Group of 13	
Dec.16, '98	ADRC	China	Mission for Information and Disaster Prevention, Hainan Province, Group of 11	
Dec.16, '98	ADRC	China	Mission for Urban Earthquake Disaster Prevention, P.R. China, Group of 8	
Feb.12, '99	ADRC	China	Mission for Underground Development, Ministry of Construction, P.R. China, Group of 10	
Feb.19, '99	ADRC	Bangladesh, Cook Islands, Indonesia, Jordan, Lesotho, Malaysia, Mexico, Nepal, Pakistan, Peru, Solomon Islands, Sri Lanka, Thailand, Turkey	The Seminar on Administration for Disaster Prevention, Group of 14	

Table 7-4-2 Short-term Disaster Reduction Training (Japanese)

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Date	Place	Main participants, size of attendance	Curriculum
Nov.13,'98	Hyogo International Plaza	50 students at the School of Humanities for Environmental Policy and Technology, Himeji Institute of Technology	International Decade for Natural Disaster Reduction, number of natural disasters worldwide and economic damage caused, Great Hanshin-Awaji Earthquake, international disaster reduction cooperation, brief descriptions of ADRC's activities, etc.
Nov.26,'98	ADRC	20 officers from disaster reduction sections of 9 prefectures in the Kinki region	
Nov.27,'98	Hyogo International Plaza	42 participants in disaster reduction experts' training course set up by Hyogo Prefectural Government and municipal governments	
Jan.13,'99	ADRC	10 persons in the Mission for Safer Cities, Ministry of Construction, Japanese Government	
Feb.22,'99	ADRC	3 participants in Kobe City Fire Academy's Education and Training Program	
Mar. 4,'99	ADRC	3 persons from Sakata City's Fire Station	