

5-1-2. JICA Training in Turkey

1) **Basic Concept**

Turkey experienced a serious damage from the 1999 Marmara Earthquake, which took more than 17,000 lives. Since the local seismic activities still threatened to wreak similar damages in future, Japan International Cooperation Association (JICA) organized a disaster training seminar on disaster management for disaster managers in Turkey in order to enhance the country's disaster management capabilities. The distinction of this seminar is that it consisted of two modules, the Japan module and the local module: Turkish specialists were trained and taught in the Japan module about Japan's advanced disaster prevention technologies prior to the local module where they were to deliver lectures to the seminar audience consisting mainly of vice governors and county mayors. This approach allows a seminar configuration with more weight placed on the local module so that a large attendance can be accepted to get a maximum effect out of a short period of time. At the request from JICA, ADRC conducted a local investigation to plan the seminar programs and dispatched a group of lecturers for the local module of the seminar.

2) **Preliminary Local Investigation**

(1) Purpose

The purpose was two-fold: to grasp the current state of Turkey's disaster reduction policy through investigative hearings at the country's disaster reduction authorities (Ministry of Internal Affairs, Ministry of Public Works and Housing, Crisis Management Bureau of the Prime Minister's Office, universities, etc.), and to enrich the contents of the programs of the local module of the seminar by introducing successful cases of Japan's disaster prevention measures.

(2) Period

June 16 – 26, 2003

(3) Investigation Mission

(Member Name, Organization, (Title))

Satoru Nishikawa (ADRC, Executive Director)

Tetsushi Kurita (ADRC, Chief Researcher)

Erguder CAN (Strategy Center of the Ministry of Internal Affairs of Turkey)

(4) Details of Investigation

Table 5-1-2-2 Local Investigation Schedule

Date	City	Location	Description
June 16		(Arrival in Ankara)	—
June 17	Ankara	JICA Turkey Office	Meeting
		Japanese Embassy	Current situation of Turkey
		Strategy Center, Ministry of Internal Affairs	Prearrangements for the investigation
		Training Department, Ministry of Internal Affairs	Seminar activities
June 18	Ankara	Crisis Management Bureau of the Prime Minister's Office	Activities of the Crisis Management Bureau
		General Bureau of Civil Defense, Ministry of Internal Affairs	Activities of the General Bureau of Civil Defense
		General Bureau of Disasters, Ministry of Public Works and Housing	Activities of the Ministry of Public Works and Housing
		General Bureau of Construction, Ministry of Public Works and Housing	Building standards
June 19	Ankara	Turkey Red Crescent	Activities of Red Crescent
		Disaster Prevention Center, Middle East Technical University	Activities of the Center (earthquake-proof reinforcement, etc.)
		International Federation of Red Cross and Red Crescent Societies	Activities of the Federation
June 20	Istanbul	Disaster Prevention Center, Istanbul Technical University	Activities implemented by the Center, such as training programs
		Istanbul Provincial Disaster Management Center	Disaster prevention works implemented by the Province
		Istanbul Metropolitan Municipality Disaster Coordination Center	Disaster prevention works implemented by the Municipality
June 21		Kandili Institute of Seismology, Bogazici University	Disaster prevention education by Prof. Isikara
June 23	Izmir	Izmir Provincial Disaster Management Center	Disaster prevention administration in a regional large city
		Izmir Municipal Office	
June 24	Corum	Corum Provincial Office	Disaster prevention administration in an average regional city
		Corum Municipal Office	
June 25	Ankara	JICA Turkey Office	Opening of the local module of the seminar
		(Departure from Ankara)	—



Fig. 5-1-2-1 Local investigation at Turkey Red Crescent



Fig.5-1-2-2 Lecture on Japan's disaster prevention administration



Fig. 5-1-2-3 Seminar participants-Final day of the local module of the seminar

3) Local Module of the Seminar

(1) Purpose

In Turkey, vice governors and county mayors are in charge of local disaster control administration. The local module of the seminar was intended to train them and enhance the overall capabilities as Turkish disaster control administrators. This module was jointly held by the Ministry of Internal Affairs of Turkey and JICA.

(2) Periods

First round: Sep. 29 – Oct. 3, 2003

Second round: Oct. 6 – Oct. 10, 2003

Third round: Mar. 8 – Mar. 12, 2004

Fourth round: Mar. 15 – Mar. 19, 2004

(3) Seminar Contents

The seminar consisted of four one-week rounds taught mainly by the lecturers who attended the Japan module. From Japan, Mr. Satoru Nishikawa, ADRC's executive director, Assistant Prof. Kimio Meguro of Tokyo University, and Prof. Kazuki Nakabayashi of Tokyo Metropolitan University participated as short term expert lecturer and delivered speeches on Japanese disaster prevention systems. Table 5-1-○ shows the program schedule of the first round of the seminar. The contents of the second to the fourth rounds were almost the same.

In the post-seminar questionnaire, the participants gave quite high rating scores to the Japanese lecturers, and many of them found the contents of the lecturers as relevant and informative.

Table 5-1-2-2 Programs of the 1st round

DATE	HOUR	ACTIVITY/SUBJECT	LECTURER
Sep. 29, 2003 Monday	09:30 - 10:00	Opening Ceremony	MOI, Embassy of Japan, JICA
	10:00 - 10:40	Keynote Speech: Public Awareness on Disaster	Prof. Dr. Ahmet Mete Işıkara
	10:40 - 11:00	Coffee Break	
	11:00 - 11:45	Integrated Disaster Management System	Mr. Ergüder Can, Prj. Coord., MOI
	11:45 - 12:15	Role of International Organizations in Disasters	Mr. Ahmet Bumin, MOI
	12:15 - 13:00	Lunch Break	
	13:00 - 13:45	Mitigation Policies/Strategies	Prof. Dr. Polat Gülkan, METU
	13:45 - 13:55	Break	
	13:55 - 14:40	Mitigation Policies/Strategies	Prof. Dr. Polat Gülkan, METU
	14:40 - 15:00	Wrap-up	
Sep. 30, 2003 Tuesday	09:00 - 09:45	Lesson Learned	Dr. Oktay Ergünay, Red Crescent
	09:45 - 09:55	Break	
	09:55 - 10:40	Preparedness	Mr. Hüseyin Güler, METU
	10:40 - 10:50	Break	
	10:50 - 11:35	Preparedness	Mr. Hüseyin Güler, METU
	11:35 - 11:45	Break	
	11:45 - 12:30	Emergency Management Center: Incident Command System	Prof. Dr. Lale Akurun, BU
	12:30 - 13:30	Lunch Break	
	13:30 - 14:15	Emergency Operation Plan	Prof. Dr. Mikdat Kadioğlu, ITU Prof. Dr. Reyhan Yiğiter, ITU
	14:15 - 14:25	Break	
	14:25 - 15:10	Emergency Operation Plan	Prof. Dr. Mikdat Kadioğlu, ITU Prof. Dr. Reyhan Yiğiter, ITU
15:10 - 15:30	Wrap-up		

Oct. 1, 2003 Wednesday	09:00 - 09:45	Information Technologies in the Disasters	Ass. Prof. Dr. Ayşe Bener, BU
	09:45 - 09:55	Break	
	09:55 - 10:40	Community Emergency Response Teams	Prof. Dr. Reyhan Yiğiter, ITU Prof. Dr. Alper Ünlü, ITU
	10:40 - 10:50	Break	
	10:50 - 11:35	Press and Public Information in the Disasters	Mr. Aziz Yıldırım, MOI
	11:35 - 11:45	Break	
	11:45 - 12:30	Volunteer Resources and Relations with NGO's	Mr. Mehmet Firik, MOI
	12:30 - 13:30	Lunch Break	
	13:30 - 14:30	Resource Management	Assoc. Prof. Dr. Derin Ural, ITU Prof. Dr. İsmail Helvacıoğlu, ITU
14:30 - 15:00	Wrap-up		
Oct. 2, 2003 Thursday	09:00 - 09:45	Mass Care and Temporary Settlements	Mr. Turan Erkoç, GDDA
	09:45 - 09:55	Break	
	09:55 - 10:40	Damage Estimation and Determination of Rights	Ass. Prof. Dr. Pınar Özdemir, ITU
	10:40 - 10:50	Break	
	10:50 - 11:35	Psychology of Victims	Prof. Dr. Nuray Karancı, METU
	11:35 - 11:45	Break	
	11:45 - 12:30	Disaster Simulation and Exercise	Ass. Prof. Dr. Pınar Özdemir, ITU Prof. Dr. Alper Ünlü, ITU
	12:30 - 13:30	Lunch Break	
	13:30 - 15:30	Disaster Simulation and Exercise	Ass. Prof. Dr. Pınar Özdemir, ITU Prof. Dr. Alper Ünlü, ITU
15:30 - 15:45	Break		
15:45 - 16:30	Disaster Simulation and Exercise: Preparations and Lesson Learned by Istanbul and Izmir Governorship	Mr. Hasan Ipek, TEMAD	
Oct. 3, 2003 Friday	09:00 - 09:45	Disaster Management in Japan	JICA Expert
	09:45 - 09:55	Break	
	09:55 - 10:40	Disaster Management in Japan	JICA Expert
	10:40 - 10:50	Break	
	10:50 - 11:35	Disaster Management in Japan	JICA Expert
	11:35 - 11:45	Break	
	11:45 - 12:30	Disaster Management in Japan	JICA Expert
	12:30 - 13:30	Lunch Break	
	13:30 - 14:30	Lesson Learned	Mr. Recep Yazıcıoğlu, MOI
	14:30 - 14:45	Break	
14:45 - 15:15	Wrap-up		
15:15 - 16:00	Evaluation of the Training	MOI & JICA	
17:00 - 19:00	Closing Ceremony		



Fig. 5-1-2-4 Q & A session with the Executive Director of ADRC, Mr. Nishikawa (local module)



Fig. 5-1-2-5 Lecture by Assistant Prof. Meguro of Tokyo University (local module)