



Asian Disaster Reduction Center

# 20th Anniversary



As a Hub of Regional Cooperation for DRR in Asia

## REPORT OF 20-YEAR HISTORY OF ADRC

[www.adrc.asia](http://www.adrc.asia)



# **Report of 20-Year History of ADRC**



**Asian Disaster Reduction Center  
(ADRC)**

October 2018

Asian Disaster Reduction Center

## Contents

<b>1. Outline of Asian Disaster Reduction Center</b>	<b>3</b>
<b>1) Background of Establishment</b>	<b>3</b>
(1) International Decade for Natural Disaster Reduction (IDNDR)	
(2) World Conference on International Decade for Natural Disaster Reduction	
(3) Ministerial-level Asian Natural Disaster Reduction Conference	
<b>2) Organization</b>	<b>5</b>
(1) Articles of ADRC	
(2) Member Countries	
<b>3) Primary Policies</b>	<b>7</b>
(1) Missions and Objectives	
(2) Main Activities	
<b>2. Main Activities of ADRC</b>	<b>11</b>
<b>1) Information Sharing - Learning from disasters, benefiting from information -</b>	<b>11</b>
(1) Organization of Asian Conference on Disaster Reduction (ACDR)	11
(2) Publishing Up-to-Date Disaster Information and Sharing Experiences for a Safer Asia	16
(3) Development and Application of the Global Unique Disaster IDentifier Number (GLIDE) System	21
(4) Transmitting Images of Disaster affected Areas and Offering Image Analysis Technique	22
<b>2) Human Resource Development - Disaster Risk Reduction begins with Capacity Building -</b>	<b>23</b>
(1) Implementation of a Program to Invite Researchers from Member Countries	23
(2) DRR Seminars and Training Courses	38
(3) Implementation of Short-term Training	39
<b>3) Building Disaster Resilient Community - Community Involvement is a Key to Effective DRR -</b>	<b>40</b>
(1) Development of Tsunami Awareness Educational Materials “Inamura-no-hi”	40
(2) Town Watching for Disaster Risk Reduction	41
<b>4) Cooperation with Member Countries, International Organizations, and NGOs</b>	<b>42</b>
(1) Cooperative Projects with Member Countries	42
(2) ADRC Peer Review Project	43
(3) Support for DRR Measures in Member Countries	44
(4) Disaster Damage Surveys in Asia	50
(5) Support for the International Recovery Platform (IRP)	54
<b>3. Annexes</b>	<b>A-3</b>
Annex 1: Articles of the Asian Disaster Reduction Center	A-3
Annex 2: List of Main Activities (1998-20117)	A-5
Annex 3: Main Publications	A-22
Annex 4: List of Staff Members	A-30



## 1. Outline of Asian Disaster Reduction Center

20TH  
ANNIVERSARY

---

---







# 1. Outline of the Asian Disaster Reduction Center (ADRC)

## 1) Background of Establishment

Asian Disaster Reduction Center (ADRC) opened its office in Kobe, Japan, on 30 July 1998. The backgrounds of establishing ADRC are as described below.

### (1) International Decade for Natural Disaster Reduction (IDNDR)

In 1987, the UN General Assembly adopted a resolution to designate the 1990s as the “International Decade for Natural Disaster Reduction (IDNDR)”. Based on the resolution, activities were started to reduce damages caused by natural disasters around the world, particularly in developing countries, through joint international actions.

### (2) World Conference on International Decade for Natural Disaster Reduction (May 1994, Yokohama, Japan)

In May 1994 the UN organized the “World Conference on International Decade for Natural Disaster Reduction” in Yokohama, Japan, to conduct an interim review of the IDNDR, and propose an action plan for the future. At the meeting the “Yokohama Strategy” was adopted, which incorporated a “Feasibility study on a system that would act as the disaster reduction coordination in the Asian region”.

#### **Yokohama Strategy**

At the “World Summit for Social Development” held in Copenhagen in March 1995, the Prime Minister Tomiichi Murayama of Japan (then) proposed to open the “Ministerial-level Asian Natural Disaster Reduction Conference”, and to start a study for reinforcing the disaster reduction measure in the Asian region.

### (3) Ministerial-level Asian Natural Disaster Reduction Conference (December 1995, Kobe, Japan)

As the first step in regional level cooperation as per the Yokohama Strategy, the “Ministerial-level Asian Natural Disaster Reduction Conference” was held in December 1995 in Kobe, which was stricken by the Great Hanshin-Awaji Earthquake. At the Conference the Prime Minister Murayama of Japan (then) proposed a “Feasibility study on a system which would act as the disaster reduction coordinator in the Asian region”, and the proposal was approved.

Grounded on the foregoing history, studies on the feasibility of ADRC were steered at such occasions as the “Asian Natural Disaster Reduction Experts Meeting (October 1996, Tokyo, Japan)” and the “Asian Disaster



Figure 1-1 Outside Shot of ADRC



Figure 1-2 Opening Ceremony of ADRC Office

Reduction Cooperation Promotion Meeting (June 1997, Tokyo)”. As a result, ADRC established its office in July 1998 in Kobe, Hyogo Prefecture, Japan in order to build a network to promote multinational disaster risk reduction cooperation through the exchange of administration officials of Asian countries and related organizations and experts in various fields so as to build capabilities of adapting to natural disasters in the Asian region and to construct societies where people can live safely, comfortably and at ease.

The foundation of ADRC was selected as one of 10 success stories at the disaster reduction meeting (Program forum) held in July 1999 in Geneva, which concluded the “International Decade for Natural Disaster Reduction (IDNDR)”, and its representative was granted an honor of presenting the contents of activities to 700 participants from 130 countries.

Table 1-1 History of International Cooperation for DRR and ADRC

1990's	<b>International Decade for Natural Disaster Reduction (IDNDR)</b>
1994	<b>World Conference on Natural Disaster Reduction in Yokohama</b> ◆ “Yokohama Strategy for a safer world” was adopted including importance of regional and international cooperation.
1995	<b>Great Hanshin-Awaji Earthquake</b> Ministerial-level Asian Natural Disaster Reduction Conference (Kobe) ◆ “Kobe Disaster Reduction Declaration” including a proposal to launch a feasibility study on a system for coordinating disaster reduction efforts in the Asian region was adopted.
1998	<b>Aitape 1998 Tsunami (PNG)</b> <b>Establishment of Asian Disaster Reduction Center</b>
2000	Establishment of UNISDR
2001	<b>Gujarat Earthquake (India)</b>
2003	Asian Conference on Disaster Reduction (ACDR) in Kobe, Japan <b>Bam Earthquake (Iran)</b>
2004	ACDR in Siem Reap, Cambodia <b>Indian Ocean Earthquake and Tsunami</b>
2005	<b>World Conference on Disaster Reduction (WCDR) in Kobe</b> ◆ <b>Hyogo Framework for Action 2005-2015 (HFA)</b> , a 10-year plan to make the world safer from natural hazards was adopted. ◆ Establishment of International Recovery Platform (IRP) The 1st Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) in China <b>Kashmir Earthquake (Pakistan)</b>
2006	ACDR in Seoul, Korea
2007	ACDR in Astana, Kazakhstan The 2nd AMCDRR in India
2008	<b>Cyclone Nargis (Myanmar), Sichuan Earthquake (China)</b> ACDR in Bali, Indonesia The 3rd AMCDRR in Malaysia
2010	ACDR in Kobe, Japan The 4th AMCDRR in Korea
2011	<b>Great East Japan Earthquake and Tsunami</b> ACDR in Colombo, Sri Lanka <b>Thailand Floods</b> The 3rd Global Platform (GP) for DRR in Geneva
2012	World Ministerial Conference on Disaster Reduction in Tohoku (Sendai) The 5th AMCDRR in Indonesia
2013	ACDR in Kobe The 4th Global Platform (GP) for DRR in Geneva <b>Typhoon Haiyan (Yolanda) (Philippines)</b>
2014	ACDR in Tokyo The 6th AMCDRR in Thailand
2015	<b>The 3rd WCDRR (Sendai, Japan)</b> ◆ “Sendai Framework for Disaster Risk Reduction 2015-2030” (SFDRR) was adopted as the new international framework on DRR until 2030. <b>Nepal Earthquake</b> “World Tsunami Awareness Day (5 Nov.)” was adopted by United Nations General Assembly
2016	ACDR in Phuket, Thailand <b>Kumamoto Earthquake</b> The 7th AMCDRR in India
2017	The 5th Global Platform (GP) for DRR in Mexico <b>Hurricane Harvey in U.S.A.</b> ACDR in Baku, Azerbaijan International Disaster and Risk Conference in Sendai, Japan
2018	The 8th AMCDRR in Mongolia



17 Jan. 1995, 6,434 dead



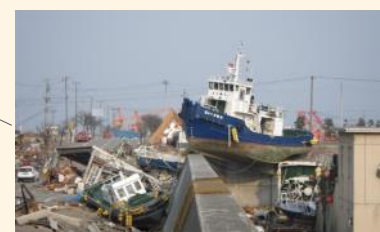
Est. at Kobe, Hyogo on 30 Jul. 1998



26 Dec. 2004, 200,000 more dead



18-22 Jan. 2005, Kobe, Hyogo, Japan



11 Mar. 2011, 20,000 more dead or missing



14-18 Mar. 2015, Sendai



25 Apr. 2015 8,964 dead

## 2) Organization

### (1) Articles of ADRC

The articles which provide basic matters concerning the organization and its operating methods were adopted at the 5th member countries meeting in January 2003. ADRC is presently operated based on the articles.

(Refer to Annex 1 for Full Text)

### (2) Member Countries

When ADRC was established in 1998, it was constituted by countries which were present at the Asian Disaster Reduction Cooperation Promotion Meeting, including 22 member countries, 4 advisor countries, and 1 observer agency .

As the performance by ADRC had been, Armenia joined in 2000, followed by Kyrgyz in 2002, Pakistan in 2005, Bhutan and Yemen in 2007, Azerbaijan in 2009, Maldives in 2010, Islamic Republic of Iran in 2012, and Turkey in 2018. The number of member countries is 31 as of October 2018. The U.S.A. joined in the group of advisors, which is now comprised of five countries.

Table 1-2 Year of Accession of Member and Advisor Countries

1998 (At the foundation)	India, Indonesia, Uzbekistan, Kazakhstan, Cambodia, Singapore, Sri Lanka, Thailand, Republic of Korea, Tajikistan, China, Japan, Nepal, Papua New Guinea, Bangladesh, Philippines, Viet Nam, Malaysia, Myanmar, Mongolia, Lao PDR and Russia (Member countries: 22)  Australia, Switzerland, New Zealand and France (Advisor countries: 4)
2000	Armenia
2002	Kyrgyz
2004	U.S.A. (Advisor country)
2005	Pakistan
2007	Bhutan, Yemen
2009	Azerbaijan
2010	Maldives
2012	Islamic Republic of Iran
2018	Turkey

### Meaning of ADRC Logo



The symbol of the Asian Disaster Reduction Center, which portrays a man embracing the Earth with his arms extended to reach all corners of the world, represents our commitment to creating a worldwide cooperative information network.

The symbol expresses our goal of a fully developed unification of information networks and human power.

Figure 1-3 Meaning of ADRC Logo



Figure 1-4 ADRC Member Countries, Advisor Countries

Table 1-3 List of Counterpart Organizations of Member Countries

Country	Organization
Armenia	Armenian Regional Survey for Seismic Protection (RSSP)
Azerbaijan	Ministry of Emergency Situations
Bangladesh	Ministry of Disaster Management & Relief
Bhutan	Ministry of Home & Cultural Affairs
Cambodia	National Committee for Disaster Management (NCDM)
China	National Disaster Reduction Center of China
India	Ministry of Home Affairs
Indonesia	National Disaster Management Authority (BNPB)
Islamic Rep. of Iran	National Disaster Management Organization (NDMO)
Japan	Cabinet Office
Kazakhstan	Committee for Emergency Situations, Ministry of Internal Affairs
Rep. of Korea	Ministry of Interior and Safety
Kyrgyz Rep.	Ministry of Emergency Situations
Lao PDR	National Disaster Management Office (NDMO)
Malaysia	National Disaster Management Agency (NADMA)
Maldives	National Disaster Management Center
Mongolia	National Emergency Management Agency (NEMA)
Myanmar	Ministry of Social Welfare, Relief and Resettlement
Nepal	Ministry of Home Affairs
Pakistan	National Disaster Management Authority (NDMA)
Papua New Guinea	Department of Provincial and Local Government Affairs
Philippines	Office of Civil Defense (OCD), Department of National Defense
Russia	Ministry of the Russian Federation for Civil Defence, Emergencies and Elimination of Consequences of Natural Disasters (EMERCOM)
Singapore	Singapore Civil Defence Force (SCDF)
Sri Lanka	Disaster Management Centre (DMC), Ministry of Disaster Management
Tajikistan	Committee of Emergency Situations and Civil Defense
Thailand	Department of Disaster Prevention and Mitigation (DDPM), Ministry of Interior
Turkey	Disaster and Emergency Management Authority (AFAD)
Uzbekistan	Ministry of Emergency Situations
Viet Nam	Viet Nam Disaster Management Authority (VNDMA), Ministry of Agriculture and Rural Development (MARD)
Yemen	Ministry of Water & Environment

Table 1-4 List of Counterpart Organizations of Advisor Countries

Country	Organization
Australia	Emergency Management Australia (EMA)
Switzerland	Swiss Agency for Development and Cooperation
France	Ministère de l'écologie, du développement durable et de l'énergie (MEDDE)
New Zealand	Ministry of Civil Defense & Emergency Management
U.S.A.	U.S. Agency for International Development (USAID), Embassy of the United States of America

Table 1-5 List of Observers

Organization
Asian Disaster Preparedness Center (ADPC)

### 3) Primary Policies

#### (1) Missions and Objectives

Missions of the Asian Disaster Reduction Center is to enhance disaster resilience of the member countries, to build safe communities, and to create a society where sustainable development is possible. The Center has worked to build disaster resilient communities and to establish networks among countries through many programs including personnel exchanges in this field.

ADRC has addressed the issue of disaster risk reduction (DRR) from a global perspective in cooperation with a variety of United Nations (UN) agencies and international organizations, such as the UN Secretariat for International Strategy for Disaster Reduction (UNISDR), the UN Office for the Coordination of Humanitarian Affairs (OCHA), the UN Economic and Social Commission for Asia and Pacific (UNESCAP), United Nations Office for Outer Space Affairs (UNOOSA), United Nations Platform for Space-Based Information for Disaster Management and Emergency Response (UN-SPIDER), United Nations Educational, Scientific and Cultural Organization (UNESCO), United Nations University (UNU), World Meteorological Organization (WMO), World Health Organization (WHO), the Asia-Pacific Economic Cooperation (APEC), the Association of South-East Asian Nations (ASEAN), and the World Bank.

The Hyogo Framework for Action (HFA) was adopted in the Second UN World Conference on Disaster Reduction in January 2005. For driving ahead the implementation of the HFA, ADRC had been further strengthening networks among 30 member countries and UN agencies, international organizations, and so on. In addition, Sendai Framework for Disaster Risk Reduction (SFDRR) framework from 2015 to 2030 was adopted in the Third UN World

Conference on Disaster Risk Reduction, which was held in March 2015. In accordance with the understanding that needs for further strengthening relationships for DRR among wider stakeholders was confirmed in this conference, ADRC has been pursuing the SFDRR implementation .

#### (2) Main Activities

ADRC is engaged mainly in the following activities.

##### Information Sharing

- ◆ Provision of disaster information through its website
- ◆ Promotion of GLobal unique disaster IDentifier (GLIDE) number system
- ◆ Organization of international meetings including Asian Disaster Reduction Conference (ACDR)
- ◆ Promotion of utilization of satellite imagery information for DRR

##### Human Resource Development

- ◆ Organization of seminars, workshops and training on disaster risk reduction
- ◆ Hosting of visiting researchers from member countries

##### Building Community Capabilities

- ◆ Development and distribution of tools for encouraging community involvement
- ◆ Assistance to the activities of the Asian Disaster Reduction and Response Network (ADRRN)

##### Collaboration with Member Countries, International/Regional Organizations, and NGOs

- ◆ Implementation of Policy Peer Review in collaboration with relevant organizations
- ◆ Developing and strengthening sub-regional cooperation in DRR

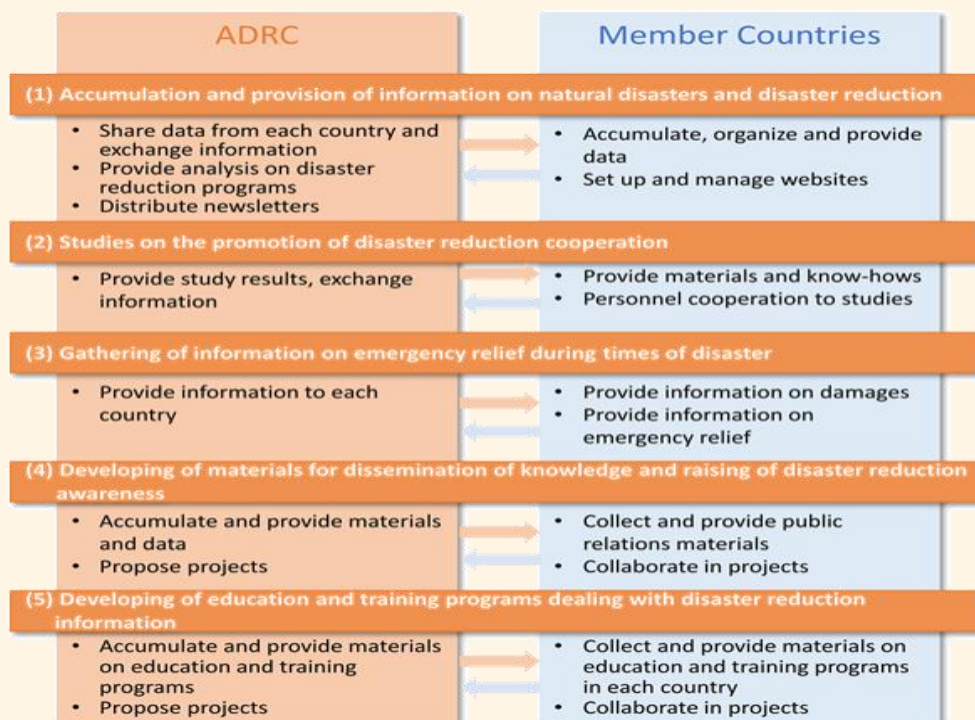
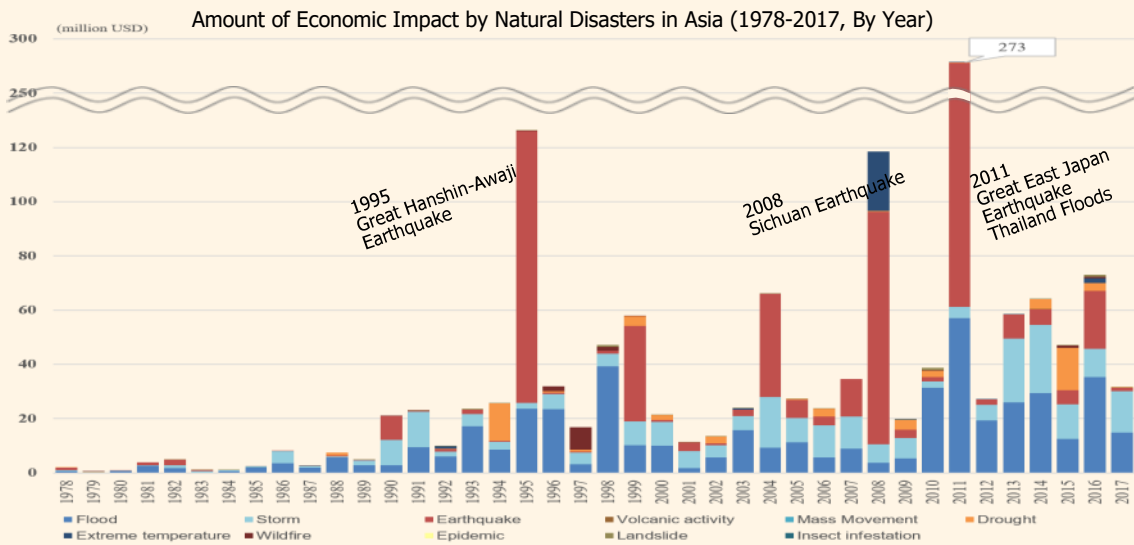
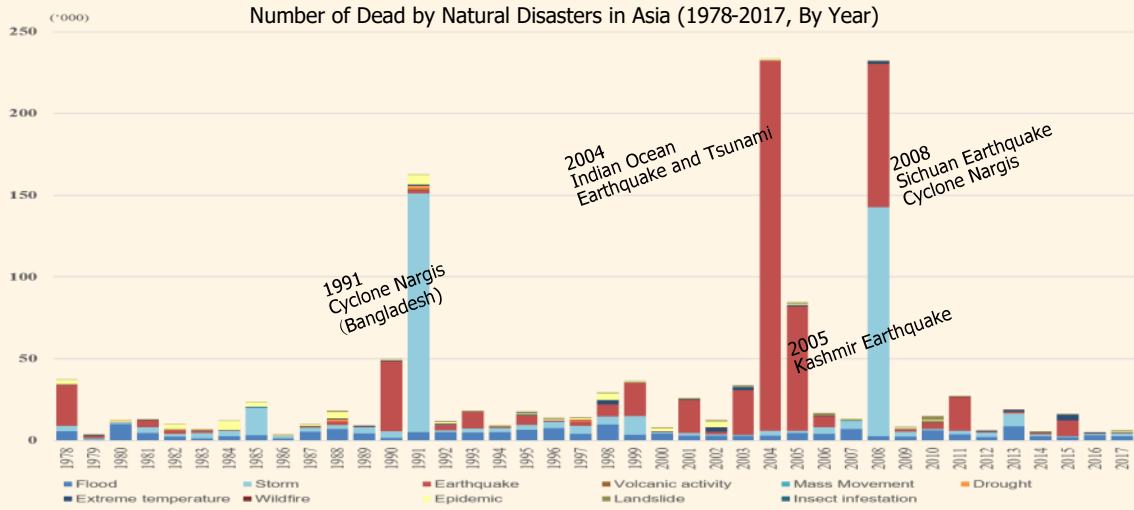
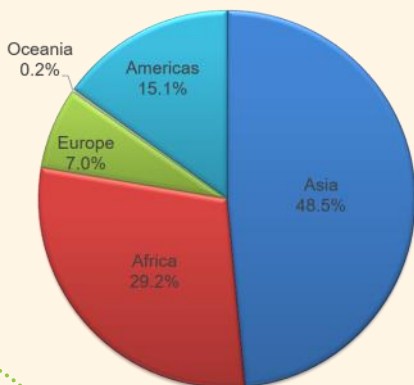


Figure 1-5 How ADRC Works

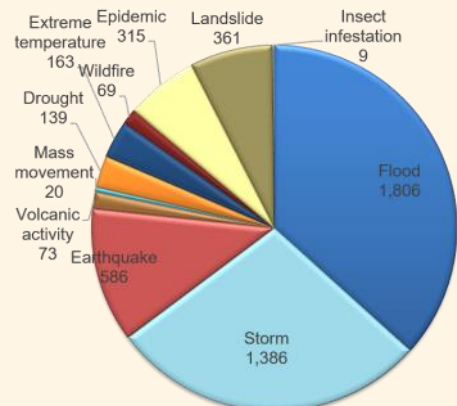
## Trend of Disasters in Asia (1975-2017) Based on the Disaster Statistics Data



Number of Dead by Natural Disasters (1978-2017, By Region)



Number of Occurrence of Natural Disasters in Asia (1978-2017, By Disaster Type)



Source: The OFDA/CRED International Disaster Database – [www.emdat.be](http://www.emdat.be)  
Universite Catholique de Louvain, Brussels (Belgium) and UN

## 2. Main Activities of ADRC

**20TH  
ANNIVERSARY**

---

---







## 2. Main Activities of the Asian Disaster Reduction Center

### 1) Information Sharing - Learning from disasters, benefiting from information -

In order to take appropriate measures upon occurrence of a disaster and reduce its damages, it is indispensable to collect, present and share the information of disaster quickly and accurately. Disaster information sharing is also necessary for succeeding lessons learned from disasters in the past to future generations and utilizing them in the measures for disaster risk reduction (DRR). Due to these reasons, ADRC is promoting the consolidation of the infrastructure of information to promote the international cooperation for DRR through the following activities.

#### (1) Organization of Asian Conference on Disaster Reduction (ACDR)

ADRC convenes an annual international conference participated by disaster officials from the member countries and disaster experts from international organizations to

promote information sharing, exchange opinions, and enhance partnerships among participating countries and organizations. In 2003, the two international meetings on DRR in Asia, i.e., ADRC International Meeting and UNISDR Asian Meeting were integrated into the Asian Conference on Disaster Reduction (ACDR).

Table 2-1 (1) List of Past Asian Conference on Disaster Reduction




ADRC International Meeting	
Date	15-18 February 1999
Venue	Kobe, Japan
Outlines	The event was composed by International Symposium, Expert Meeting, and Field Trip. The participants shared their natural disaster information and disaster management system and discussed the needs and resources for cooperation on DRR in Asia.
	
2nd ADRC International Meeting	
Date	6-8 December 1999
Venue	Kobe, Japan
Outlines	The event was attended by 65 participants including of 36 DRR officers from 24 countries and 4 organizations. In the meeting, attended member countries reported country information on natural disaster, disaster countermeasures, and their DRR systems. Also, they voiced their requests concerning the activities of ADRC.
	
3rd ADRC International Meeting	
Date	5-7 December 2000
Venue	Kobe, Japan
Outlines	The event was attended by 60 participants including of 30 DRR officers from 26 countries and 6 organizations. In the meeting, attended member countries reported country information on natural disaster, disaster countermeasures, and their DRR systems. Also, they voiced their requests concerning the activities of ADRC.
	

Table 2-1 (2) List of Past Asian Conference on Disaster Reduction

### 4th ADRC International Meeting & UNISDR Asian Meeting

**Date** 22-24 January 2002  
**Venue** New Delhi, India  
**Organizers** Government of India, Asian Disaster Reduction Center (ADRC),  
**Outlines** 80 people participated in the Meeting from 22 Member Countries, UN and other International Organization's disaster management experts.



In the Session of "Lesson Learned from Gujarat Earthquake", the Government of India, Member countries and related organizations re-recognized the importance of preparedness, awareness, training, and community participation to strengthen the disaster management system. In addition, the Government of India reported that ADRC's network will further contribute to strengthen the international cooperation in various fields of disaster reduction. In the "Capacity building" and "Information sharing" Sessions, the importance of "Total Disaster Risk Management Approach" was confirmed. Further cooperation for capacity building which suits each country's situation was expected to be strengthened. It was confirmed in the meeting that using human and technical resources, ADRC would continuously promote cooperation for disaster mitigation in the Asian region.

### Asian Conference on Disaster Reduction (ACDR) 2003

**Date** 15-17 January 2003  
**Venue** Kobe, JAPAN  
**Organizers** United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Government of Japan, Hyogo Prefecture, Asian Disaster Reduction Center (ADRC), Disaster Reduction Alliance (DRA)



**Outlines** The Conference was organized under the theme of "Living with Risk: Towards Disaster Resilient Societies" to understand the achievements and challenges in disaster reduction in Asia with a number of participants from Asian countries and international organizations. In order to respond to the trends in the 21st century in urban disasters, climate change and disasters, it is indispensable to build a framework of international cooperation for sharing DRR information including promoting multi-disciplinary cooperation for reducing disaster impact with education, media, environment, development, and science & technology areas and inter-sectoral cooperation for strengthening community-level DRR with the local governments, private sectors, and NGOs, to address emerging challenges.

### Asian Conference on Disaster Reduction (ACDR) 2004

**Date** 4-6 February 2004  
**Venue** Siem Reap, Cambodia  
**Organizers** Government of Cambodia, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)



**Outlines** This Conference was held as a contribution to the preparatory process towards the United Nations World Conference on Disaster Reduction to be held in Kobe, Hyogo, Japan on 18-22 January 2005.

It was emphasized that countries from the region should promote a comprehensive, integrated and strategic approach to disaster reduction, such as the Total Disaster Risk Management (TDRM) approach, and should integrate it in their national development process. The participants of the Conference identified the achievements made, challenges and gaps that lie in the region in developing and implementing effective disaster reduction activities, which are described in the Chair Summary. The organizers are confident that this event provided a unique platform to identify challenges and concrete future action to mitigate the negative impact of disasters, in particular in Asia, by way of important and substantive input to the World Conference.

Table 2-1 (3) List of Past Asian Conference on Disaster Reduction

7th ADRC International Meeting	
Date	19 January 2005
Venue	Kobe, Japan
Organizers	Hyogo Prefecture, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), Asian Disaster Reduction Center (ADRC)
Outlines	<p>The meeting was held in the context of the public forum of the World Conference on Disaster Reduction (WCDR) under the theme of “Sharing of Experiences for Safer Asia -TDRM and its Good Practices-,” attended by 210 domestic and international participants.</p> <p>The Forum discussed to identify concrete measures and actions effective in reducing risk and vulnerability to disasters with the presentations on their good practices from the Government officials from Bangladesh, Philippines, Laos, and China, as well as Tajikistan. In addition, a special report on the situation of damage caused by the Sumatra Earthquake and Tsunami was provided.</p>
	
Asian Conference on Disaster Reduction (ACDR) 2006	
Date	15-17 March 2006
Venue	Seoul, Republic of Korea
Organizers	Government of Republic of Korea, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), World Meteorological Organization (WMO), United Nations Office for the Coordination of Humanitarian Affairs (OCHA), United Nations Development Programme (UNDP), Asian Disaster Reduction Center (ADRC)
Outlines	<p>The Conference was convened under the theme of “Toward the achievement of strategic goals of the Hyogo Framework for Action (HFA) 2005-2015” It was participated by 146 people including officials from Republic of Korea and 24 other countries, mainly from Asia, along with representatives of UN and international organizations, media, and NGOs. Towards the realization of the goal of resilient nations and communities, it was decided to pursue, among others, the following course of action: (1) Support the implementation of the HFA priorities for actions (2) Develop a strategic national action plan to implement the HFA (3) Promote a comprehensive, integrated and holistic approach to disaster risk reduction through the following strategies: (a) Mainstreaming disaster risk reduction in development and promoting multisectoral cooperation among stakeholders (b) Integration of disaster risk reduction in all phases of the disaster risk management (c) Enhancing early warning systems and efficient sharing of disaster risk information (d) Crosscutting Issues (e.g. Involvement of NGOs)</p>
	
Asian Conference on Disaster Reduction (ACDR) 2007	
Date	25-27 June 2007
Venue	Astana, Kazakhstan
Organizers	Government of Kazakhstan, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), United Nations Development Programme (UNDP), Local risk management in earthquake zones of Kazakhstan, World Meteorological Organization (WMO), Asian Disaster Reduction Center (ADRC)
Outlines	<p>The Asian Conference on Disaster Reduction (ACDR) 2007 took place for the first time in Central Asia, in Astana, Kazakhstan on 25 to 27 June 2007. A total of 136 participants including dignitaries and government officials from 22 countries and representatives of 32 organizations, among others, UN and international organizations, financial institutions, NGOs and civil society, as well as experts from academic institutions, attended the Conference. The ACDR2007 aimed to further review the progress made in Asia in the implementation of the Hyogo Framework for Action (HFA) adopted at the World Conference on Disaster Reduction in January 2005, present good practices and achievements, identify the challenges that still exist, and propose the ways forward for accelerating the process. It addressed the relevant topics of governance, education, applying scientific knowledge, public-private partnerships, and community-based disaster risk reduction.</p>
	

(1) Information

Table 2-1 (4) List of Past Asian Conference on Disaster Reduction

### Asian Conference on Disaster Reduction (ACDR) 2008

**Date** 12-14 November 2008

**Venue** Bali, Indonesia

**Organizers** Government of Indonesia, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)

**Outlines** The Conference was presided by His Excellency Dr. Kusmayanto Kadiman, State Minister for Research and Technology, Government of Indonesia, and His Excellency Mr. Masayoshi Namiki, Vice Minister, Cabinet Office, Government of Japan.



It was attended by 106 participants including high level government officials from 24 countries and representatives of 14 organizations, among others, UN and international organizations and civil society, and experts, practitioners, and academicians from various fields of discipline. The Conference reviewed the progress made by Asian countries and UN agencies in the implementation of the Hyogo Framework for Action 2005-2015 (HFA) in the region and identified the gaps and challenges at the national and regional levels. Moreover, as ADRC marks its 10th year anniversary this year, the forum provided an opportunity to discuss key activities of ADRC for the future and to promote stronger collaboration and renewed commitment among the member countries.

### Asian Conference on Disaster Reduction (ACDR) 2010

**Date** 17-19 January 2010

**Venue** Kobe, JAPAN

**Organizers** Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)

**Outlines** January 2010 was the halfway point of the target year for implementation of the Hyogo Framework for Action (HFA) 2005-2015, which was adopted at the World Conference on Disaster Reduction (WCDR) held in Kobe, Hyogo in 2005.



It was also the 15th anniversary of the Great Hanshin-Awaji Earthquake, which brought about devastating damages to Hyogo on 17 January 1995. The Conference held in January 2010 provided a good opportunity to review the progress made and achievement of the implementation of the priority actions of HFA and clarified specific issues and challenges in achieving its goals in the remaining 5 years in Asia. Accordingly, the ACDR 2010 contributed to encouraging the strengthening of efforts and commitment for disaster risk reduction by each country in Asia. Further, the participants of the ACDR2010 could share good practices and common challenges for disaster risk reduction and build a more solid foundation of regional cooperation in Asia which would facilitate the realization of the societies which convey the experiences and lessons learned from past disasters, strengthen systems to be prepared for future disasters, and foster a "Culture of Disaster Prevention".

### Asian Conference on Disaster Reduction (ACDR) 2011

**Date** 13-15 June 2011

**Venue** Colombo, Sri Lanka

**Organizers** Government of Sri Lanka, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)

**Outlines** The Conference were participated over 120 delegates, including officials from 27 governments, 26 international and regional organizations, academic community, private sector, and civil society organizations. With the increasing number, scale and impact by natural disasters in the Asian region, ACDR2011 discussed how to further support the integration of DRR and CCA, heighten the investment in DRR, and strengthen local capacity in DRR. ACDR2011 affirmed to fill in remaining gaps on DRR by applying modern technologies, indigenous practices and lessons learned and to strengthen regional and international mechanisms for wider partnership and synergy.



Table 2-1 (5) List of Past Asian Conference on Disaster Reduction




<b>Asian Conference on Disaster Reduction (ACDR) 2013</b>	
Date	23 January 2013
Venue	Kobe, Japan
Organizers	Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)
Outlines	<p>The Conference was held in order to promote information sharing, exchange opinions, and enhance partnerships among participating officials from member countries, international and regional organizations, academic community, private sector, and civil society organizations. ACDR2013 consisted of the following three key topics: 1) Space Based Technologies for DRR, 2) Engagement of Private Sector in DRR, and 3) Global Trends on DRR and Towards a Post-HFA and confirmed the issues and challenges for the Post HFA.</p>
	
<b>Asian Conference on Disaster Reduction (ACDR) 2014</b>	
Date	4-6 March 2014
Venue	Tokyo, Japan
Organizers	Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)
Outlines	<p>The Conference was held in order to promote information sharing, exchange opinions, and enhance partnerships among participating officials from member countries, international and regional organizations, academic community, private sector, and civil society organizations.</p> <p>The key topics addressed at ACDR2014 were as follows: 1) HFA progress and challenges for HFA2, 2) Strengthening local capacity for disaster risk reduction (DRR) and 3) Human resource development and training, and 4) Utilization of space technology for DRR. The chair's summary of the Conference concluded the discussion results drawn from the conference would provide important feedback that can be used in developing the programs for the upcoming 6th AMCDRR and 3rd WCDRR.</p>
	
<b>Asian Conference on Disaster Reduction (ACDR) 2015</b>	
Date	15 March 2015
Venue	Sendai, Japan
Organizers	Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)
Outlines	<p>March 2015 was the goal for implementation of the Hyogo Framework for Action (HFA) 2005-2015 which was adopted at the World Conference on Disaster Reduction (WCDR) held in Kobe, Hyogo in 2005. The Conference was held in Sendai, Japan on 15 March 2015 as part of the Third UN World Conference on Disaster Risk Reduction (WCDRR) held on 14-18 March 2015.</p> <p>It aimed to confirm achievements of HFA and clarify the core actions on improving capacity for DRR in the HFA2, its successor framework. The key topics addressed at ACDR2015 were as follows: 1) ADRC's priority actions related to the HFA and the Post-2015 Framework, 2) Creative reconstruction initiatives by Hyogo Prefecture since the Great Hanshin-Awaji Earthquake, 3) Lessons learned from typhoons and in Philippines and future challenges in this area, 4) HFA implementation status and future challenges in Kyrgyz, 5) HFA implementation status and future challenges in Nepal, and 6) ICIMOD's regional DRR efforts to improve disaster management capacity in the HKH region.</p>
	

Table 2-1 (6) List of Past Asian Conference on Disaster Reduction

### Asian Conference on Disaster Reduction (ACDR) 2016

**Date** 25-26 February 2016

**Venue** Phuket, Thailand

**Organizers** Government of Thailand, Government of Japan, United Nations secretariat for International Strategy for Disaster Reduction (UNISDR), Asian Disaster Reduction Center (ADRC)



**Outlines** It was attended by the 98 participants included high level government officials from 24 countries, as well as representatives of international and regional organizations, the academic community, and the private sector.

The Conference was the first DRR Conference in Asia after the endorsement of the SFDRR in the 3rd UN World Conference on DRR (WCDRR) held in March 2015. It provided a good opportunity to discuss important actions for the promotion of the implementation of SFDRR in Asia toward the AMCDRR held in November 2016.

### Asian Conference on Disaster Reduction (ACDR) 2017

**Date** 2-3 October 2017

**Venue** Baku, Azerbaijan

**Organizers** Government of Azerbaijan, Government of Japan, Asian Disaster Reduction Center (ADRC)



**Outlines** It was attended by the 68 participants from 18 member countries and other relevant organizations.

The Conference consisted of the following sessions: 1) Implementation of the Sendai Framework: National/Local DRR strategies, 2) Effective Emergency Response to Survive in Mega-Disasters, and 3) Advanced Technologies facilitating DRR and CCA.

It confirmed the importance of strengthening DRR plans/strategy and governance, advocating closer collaboration in emergency response, and further exploring advancement in science and technology in order to reduce the impacts of future disasters.

## (2) Publishing Up-to-Date Disaster Information and Sharing Experiences for a Safer Asia

### a) Website of Asian Disaster Reduction Center (ADRC)

ADRC has been sharing useful information for disaster risk management through internet by establishing a website (URL:www.adrc.asia) so that officials in charge of disaster management in the Asian countries including those of ADRC member countries, and persons involved in disaster risk reduction activities in the world can easily get information whenever they want.

The website provides a wide range of information such as "Latest Disaster Information", "Disaster Risk Reduction Information of Member/Advisor Countries", "Multi-language Glossary on Natural Disasters", "Events related to Disaster Risk Reduction", and "Publications & Newsletter". The information has been updated as needed or occasionally.

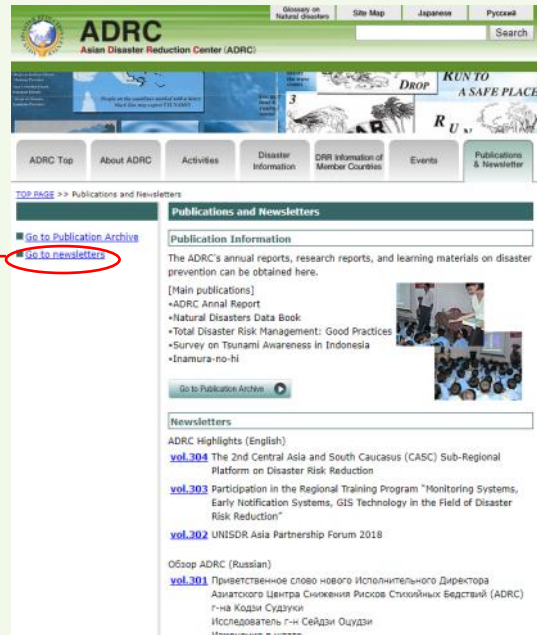
ADRC issues monthly newsletter "ADRC Highlights" by email and also uploads on the website to disseminate the activities for wider audience.



Figure 2-1 ADRC Website Top Page



Figure 2-2 Information on Disaster Risk Reduction of the Member Countries



(1) Information

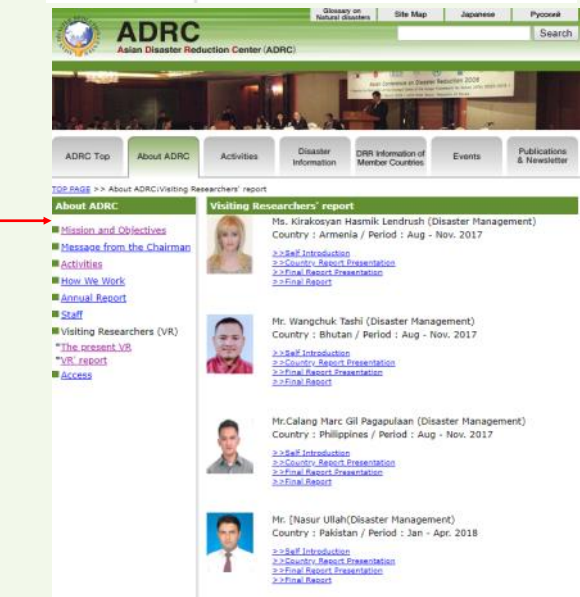
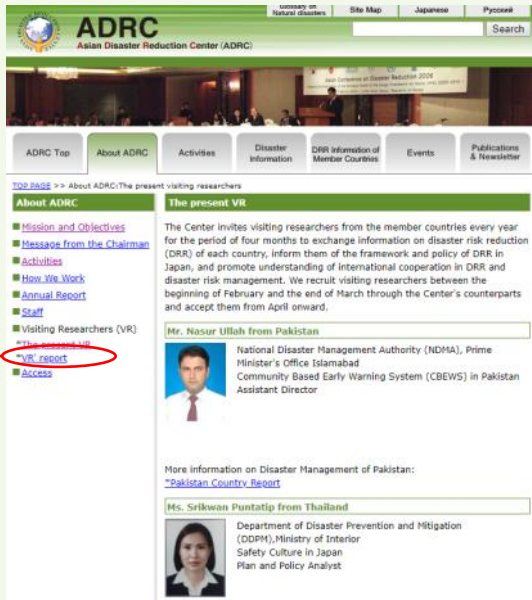


Figure 2-3 Information on the Visiting Researchers from Member Countries

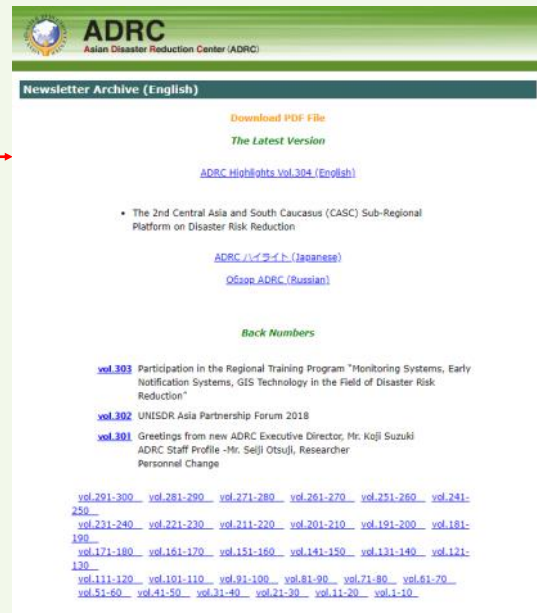


Figure 2-4 Publications and Newsletters

## b) Latest Disaster Information Database

Upon the occurrence of a disaster, plenty of information is released including the damage situation of the affected area, emergency response, evacuation and so on through media, national and local governments, international organizations, research institutions and civil societies in the affected countries and throughout the world. Such information was once provided largely individually, it took time to get all the necessary information, which prevented from immediate data collection activities in case of emergency.

Since its inception in 1998, ADRC has developed a database of the latest disaster information obtained from various sources. Summarized information with direct links to the sources enables rapid search and retrieval of information. Particularly, the database provides a summary of disasters (dates, locations, and overviews), damage situations, relevant links categorized as reports/articles, geographic data, emergency relief information, urgent reports from ADRC member countries and graphic information. Such information is continually updated on its website.

On top page of ADRC's website "The Latest Disaster Information" is placed, linking to such the database for detailed disaster information and disaster management

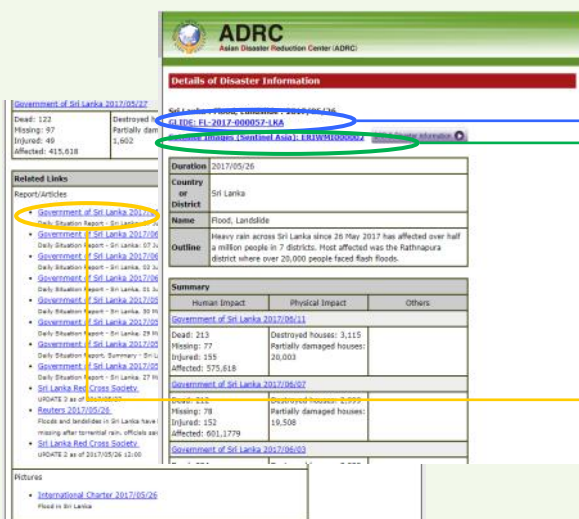
information of the affected country.

This section takes a case of flood and landslide in Sri Lanka in May 2017. The disaster information appears on the top page as well as Latest Disaster Information page in detail which has links to the corresponding GLIDE number, space imagery obtained in Sentinel Asia framework, and national disaster management organization of the country when it is ADRC's member country.

The information originates mainly from release from relevant organizations including reports from ADRC member countries, situation reports from the OCHA ReliefWeb, IFRC, and media. The Latest Disaster Information site is interlinked with the disaster management information of ADRC website, serving as a portal to various kinds of information.

In addition, the database connected to the link to the other site "JAXA DMSS" to enhance the value to ADRC's web site using the satellite image data taken at the affected site after the natural disasters when the emergency satellite observation was conducted.

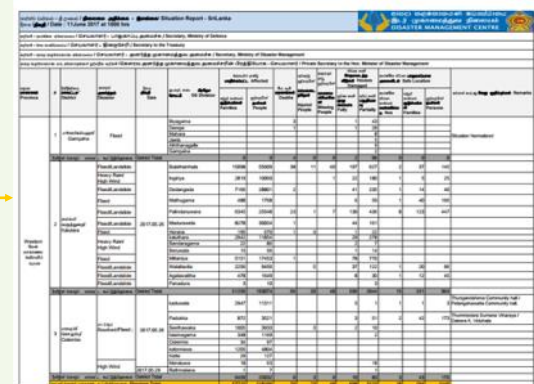
The database provides information of more than 2,148 disasters in the world as of 28 February 2018.



Link to the GLIDE Information of the Disaster



Link to the Sentinel Asia Information of the Disaster



Link to the disaster information by the Sri Lanka Government

Figure 2-5 Latest Disaster Information and Links to Relevant Information



### c) Publishing Newsletter: ADRC Highlights

ADRC has been using Internet and e-mail to share information with its counterparts in the member countries, and other relevant parties. As one of its important tools for information dissemination, ADRC has been issuing the newsletter "ADRC Highlights" since 1 June 1999. It had been issued twice a month until FY 2007, and has been issued once a month since the renewal of its design in FY 2008.

The newsletter is made available on the website. It is also e-mailed in English, Russian and Japanese to ADRC counterparts and former visiting researchers, former GLOBAL IDentifier number (GLIDE) visiting researchers, participants in the past ADRC annual meetings, visitors to ADRC, trainees in JICA's training courses which ADRC were involved in, and participants in international conferences ADRC took part in to strengthen relations with. Also ADRC registers e-mail addresses of those who wish to subscribe the newsletter upon the receipt of request e-mail. The numbers of subscribers in English, Russian and Japanese, are 2,168, 223 and 903 respectively as of January 2017.

The contents include articles on the latest ADRC activities, reports on international conferences, and other events which ADRC staff attended and gave presentations in, as well as national reports by ADRC visiting researchers from member countries.

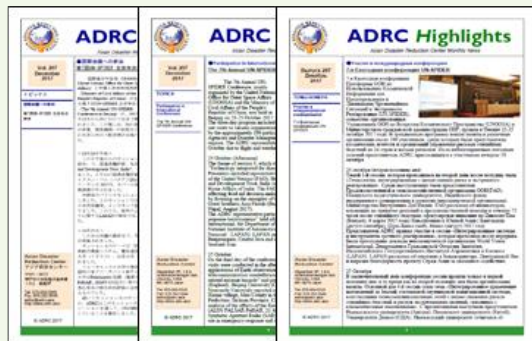


Figure 2-6 ADRC Highlights (Japanese, English and Russian)

### d) Disaster Risk Reduction Activities of Member Countries

Gathering information on the disaster risk management systems of member countries is considered as one of the important ADRC activities. ADRC has updated the information through information requests to member countries, field surveys, international conferences, and web search. Also, the country report has updated in cooperation with Visiting Researchers.

Table 2-2 shows the list of the country reports provided by counterparts in member countries, which are made available on ADRC website. Organizations in charge of disaster risk management in many countries have been promoting information dissemination by using internet actively over recent years. Therefore, ADRC website has provided direct links with these websites, which offer access to the latest information.



Figure 2-7 DRR Information of Member Countries

Table 2-2 List of Year of Publication of Country Reports

Country	Year of Publication
Armenia	2001, 2002, 2003, 2005, 2006, 2010, 2012, 2015, 2016, 2017
Azerbaijan	2011, 2014
Bangladesh	1998, 1999, 2001, 2003, 2005, 2006, 2010, 2011, 2013
Bhutan	2008, 2013, 2014, 2017
Cambodia	1998, 1999, 2002, 2003, 2005, 2006, 2013
China	1998, 1999, 2005, 2006, 2012
India	1998, 1999, 2002, 2005, 2006, 2008, 2012, 2015
Indonesia	1998, 1999, 2002, 2003, 2004, 2005, 2006, 2012, 2016
Iran	2013
Japan	1998, 1999, 2002, 2005, 2006, 2012
Kazakhstan	1998, 1999, 2002, 2005, 2006
Korea	1998, 1999, 2001, 2002, 2005, 2006, 2008
Kyrgyzstan	2005, 2006, 2012
Laos	1998, 1999, 2003, 2005, 2006
Malaysia	1998, 1999, 2003, 2005, 2006, 2008, 2009, 2011
Maldives	2013, 2014, 2015
Mongolia	1998, 1999, 2002, 2005, 2006, 2010, 2011, 2013
Myanmar	2002, 2005, 2006, 2013, 2014
Nepal	1998, 1999, 2005, 2006, 2009, 2010, 2011, 2014
Pakistan	2005, 2006, 2009, 2015, 2016, 2017
Papua New Guinea	1998, 1999, 2005, 2006
Philippines	1998, 1999, 2002, 2003, 2005, 2006, 2009, 2010, 2011, 2012, 2014, 2016, 2017
Russia	1998, 1999, 2003, 2005, 2006
Singapore	1998, 1999, 2001, 2002, 2003, 2005, 2006
Sri Lanka	1998, 1999, 2003, 2005, 2006, 2009, 2010, 2011, 2014, 2015, 2016
Tajikistan	1998, 1999, 2003, 2005, 2006
Thailand	1998, 1999, 2003, 2004, 2005, 2006, 2008, 2010, 2011, 2012, 2016, 2017
Uzbekistan	1998, 1999, 2005, 2006, 2013, 2015
Vietnam	1998, 1999, 2005, 2006, 2017
Yemen	2009, 2012, 2014

**e) Multilanguage Glossary on DRR**  
**o Provision of Multi-language Glossary on Natural Disasters**

The Multi-language Glossary on Natural Disasters was compiled through the activities of the United Nation’s IDNDR launched in 1990. It can be easily searched in six languages such as Chinese, English, French, Japanese, Korean and Spanish by choosing an input language and a target language. To make the glossary available to a broader audience, ADRC has been providing online translation services.

Thus, the six-language glossary is now available on the ADRC website. The glossary contains technical terms which are hard to find in ordinary dictionaries, and it can be utilized by personnel in the disaster risk management field to decipher technical documents related to Disaster Risk Reduction.

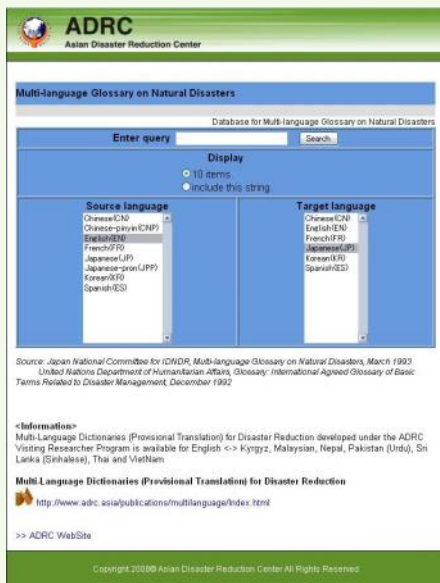


Figure 2-8 Multi-language Glossary on Natural Disasters

**o Native Language Translation by Visiting Researchers**

ADRC accepts the Visiting Researchers from member countries every year to strengthen their capacities in disaster risk management and the related studies of their own countries.

Since 2008, ADRC has been making “Multi-language Dictionaries” for about 1,130 basic DRR terms with side by side translation into the mother language of the Visiting Researcher. Side by side translation lists have already been completed by researchers from Kyrgyz, Pakistan, Nepal, Vietnam, Malaysia and Sri Lanka. The finalized lists were initially offered in the format of “Multilanguage Dictionaries (Tentative Translation)” on the ADRC website separated from the “Multi-language Glossary”, and were intended to serve as reference materials for DRR activities in member countries.

ADRC continues to add data to these lists, and plans to further promote their use by member countries in the future.

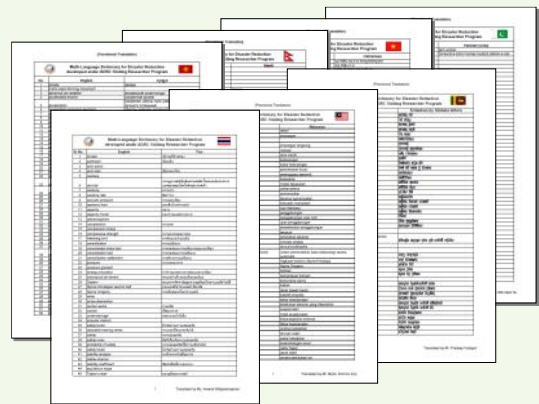


Figure 2-9 Multi-language Dictionaries (Tentative Translation)

**f) Natural Disaster Data Book**

Past disaster records are critical in policy making, review, survey and analysis of disaster management plan. ADRC concluded MOU on disaster data utilization with the Centre for Research on the Epidemiology of Disasters (CRED) and has conducted analyses on disaster impacts based on the database, EM-DAT maintained by CRED.

20th Century Data Book on Asian Natural Disasters and its revision, released in July 2000 and August 2002 respectively, featured disasters which hit its member countries. Also, annual Natural Disaster Data Book which covers disaster characteristics in the world and Asia in each year has been regularly published.

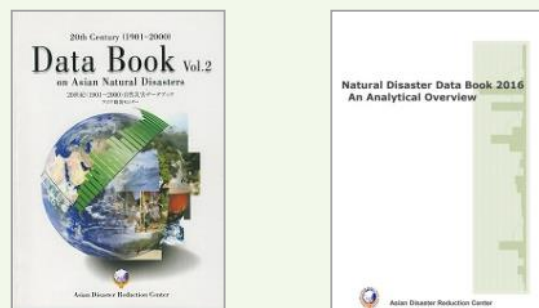


Figure 2-10 Natural Disaster Data Book

### (3) Development and Application of the Global Unique Disaster IDentifier Number (GLIDE) System



GLIDE is the acronym of Global unique disaster IDentifier, which gives common but unique numbers to disasters all over the world. GLIDE was firstly proposed by ADRC and has been adopted and used in more than 20 international organizations, research institutes and so on.

ADRC has its own criteria for new GLIDE generation. In case of Japan, a new GLIDE number will be generated for a disaster in which either 5 or more people are killed or 100 or more people are injured. In case of Asian countries except Japan, a new GLIDE number will be generated for a disaster in which either 10 or more people are killed or 100 or more people are injured.

The GLIDE number format was revised in 2004 as follows:

AA-BBBB-CCCCC-DDD-EEE

AA: Disaster classification

BBBB: Year of occurrence (4-digit numeric figure)

CCCCC: Serial number in one year

DDD: Country code (ISO code. e.g., JPN for Japan)

EEE: Local code (e.g., 013 for Tokyo)

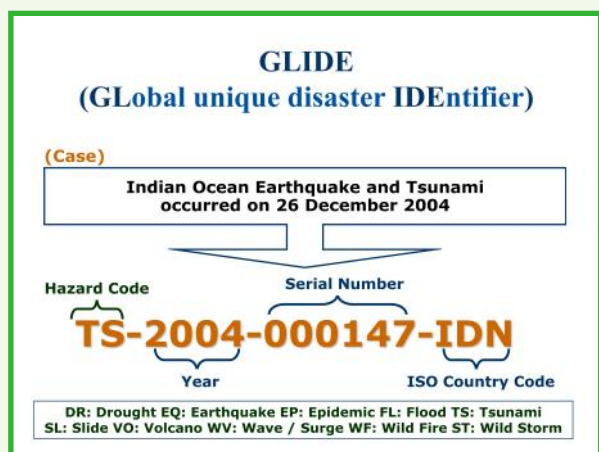


Figure 2-11 GLIDE Number Format

The local code at the end could be added for the convenience of the user countries in organizing their national databases.

Table 2-3 Hazard Code Used in GLIDE

Disaster Types	Code
Drought	DR
Heat Wave	HT
Cold Wave	CW
Tropical Cyclone	TC
Extropical Cyclone	EC
Tornado	TO
Violent Wind	VW
Severe Local Storm	ST
Flood	FL
Flash Flood	FF
Land Slide	LS
Snow Avalanche	AV
Mud Slide	MS
Volcano	VO
Earthquake	EQ
Fire	FR
Tsunami	TS
Storm Surge	SS
Epidemic	EP
Insect Infestation	IN
Wild Fire	WF
Others	OT
Complex Emergency	CE
Technological	AC

#### o [GLIDNumber.net](http://glidnumber.net)

Since 2004, a web-based system to issue a GLIDE number, notice and share the issued numbers has been operating (<http://glidnumber.net>).

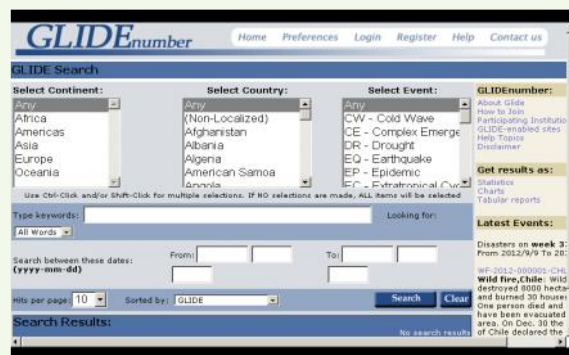


Figure 2-12 Top Page of GLIDNumber.net Website

Table 2-4 Participating Organizations

Operator Organizations	User Organizations	Approved Organizations
<ul style="list-style-type: none"> <li>o Institutional Operators ADRC, CRED, ReliefWeb(UN OCHA) JRC/EC, IFRC, LaRED, CDEMA</li> <li>o Country Operators Lao PDR, Malaysia, Philippines, Singapore, Thailand, Vietnam, Indonesia</li> </ul>	FAO, UNOSAT, GDACS Typhoon Committee (UNESCAP / WMO) JAXA, NIED, PDC Dartmouth Flood Observatory SHELDUS (University of South Carolina) Benfield Ltd.	UNDP, UNISDR, WMO

Information

#### (4) Transmitting Images of Disaster affected Areas and Offering Image Analysis Technique

##### o Focal Point of the Observation Request of the Sentinel Asia

Asian Disaster Reduction Center (ADRC) continues to participate in the Sentinel Asia project that was launched in 2006 with an objective of establishing a disaster risk management system by making the use of satellite images in Asia.

ADRC functions as the focal point to receive emergency observation requests in the framework of the Sentinel Asia. Upon receiving a request, ADRC decides whether the request is appropriate or not, and whether the emergency observation should be implemented mainly by assessing the damages and casualties. Based on its own judgment, ADRC will forward the request to five space agencies, namely, the ISRO (India), the JAXA (Japan), the GISTDA

(Thailand), the KARI (Korea), NARL (Taiwan), CRISP (Singapore), MBRSC (Dubai) participating in the Sentinel Asia Project.

##### o UN-SPIDER Regional Support Office

In accordance with the Cooperation Agreement between the United Nations Office for Outer Space Affairs (UNOOSA) and ADRC signed on 4 June 2009 on the establishment of ADRC UN-SPIDER Regional Support Office (RSO), the ADRC UN-SPIDER Regional Support Office has been established within ADRC office and operated by ADRC staff members as coordinators of the ADRC UN-SPIDER RSO.

ADRC, as a UN-SPIDER RSO, should thus work towards ensuring the successful implementation of the UN-SPIDER Work Plan thereby facilitating countries in Asia to have access to and develop the capacity to use space-based information to support the whole of disaster management cycle.

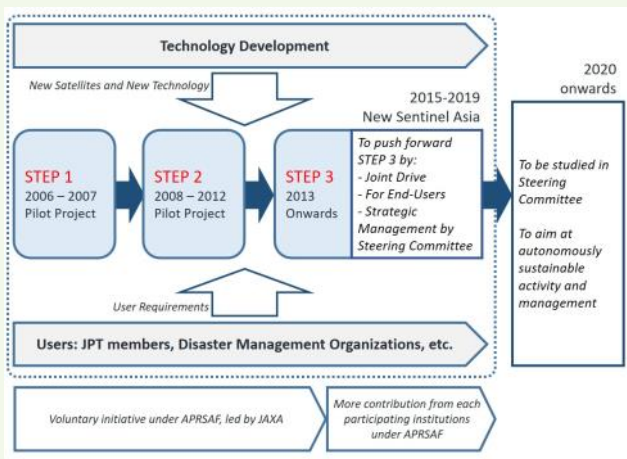


Figure 2-13 Outline of Sentinel Asia Project

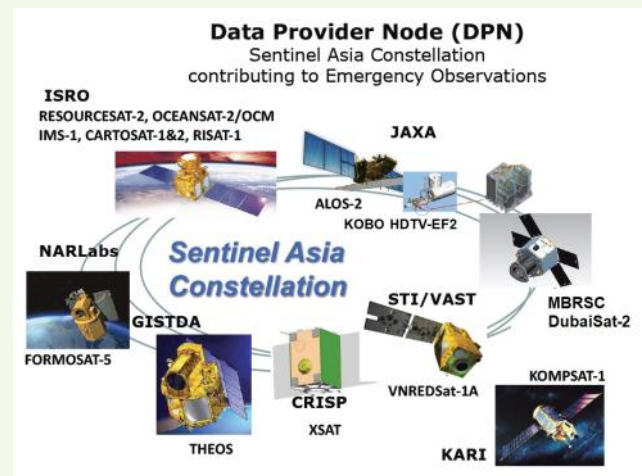


Figure 2-14 Data Provider Nodes of the Sentinel Asia



Figure 2-15 Flow of Emergency Observation in the Sentinel Asia

## 2) Human Resource Development - Disaster Risk Reduction begins with Capacity Building -

Prompt and appropriate activities for disaster management and response in a disaster event are largely attributable to qualifications and abilities of the personnel responsible for the tasks. Further, not only the personnel in charge of disaster management in national and local governments, but also all the residents need to improve their capacities for disaster preparedness and safeguarding of their own lives from disasters (“self-help”) and for helping each other (“mutual-support”), toward building disaster resilient communities. With this view, ADRC has promoted human resource development for DRR in Asia.

### (1) Implementation of a Program to Invite Researchers from Member Countries

ADRC has been receiving Visiting Researchers (VR) from member countries since 1999. To date, 105 officials from 26 member countries have taken part in this program.

Every visiting researcher has learnt about the Japan’s advanced knowledge and technology on disaster risk reduction (DRR) and international cooperation of Japan in his/her stay at ADRC. The ARDC Visiting Researchers are expected not only to contribute to strengthening the capacity on DRR in their countries, but also to further promote cooperation between their countries and ADRC. After finishing the program, they are expected to contribute to developing and improving the capacity on disaster reduction in their countries.

The objectives of information networking on VR are as follows:

- ◇ To accumulate the latest disaster information, disaster management policy, laws, plans and budget of the member countries for strengthen their disaster resilience;
- ◇ To analyze the policies through the collection and the surveying of Good Practice of the disaster risk reduction measures of the member countries.
- ◇ To develop effective capacity development programs and tools based on needs and priorities of VRs and their countries;
- ◇ To continue improving VR program taking their feedback into consideration.

Table 2-5 Number of the VR by Country (as of March 2018)

VR Numbers by Country	
Armenia	8
Azerbaijan	2
Bangladesh	5
Bhutan	3
Cambodia	4
China	3
India	5
Indonesia	3
Iran	1
Kyrgyz	2
Lao PDR	2
Malaysia	3
Myanmar	3
Maldives	3
Mongolia	5
Nepal	8
Pakistan	5
Papua New Guinea	1
Philippines	8
Sri Lanka	10
Republic of Korea	2
Thailand	8
Tajikistan	2
Uzbekistan	2
Vietnam	4
Yemen	3
Total 26 Countries	105



Figure 2-16 VR Program Activities (Left: Visit to Cabinet Office, Center: Field Trip to the Affected Areas of the Great East Japan Earthquake, Right: Visit to Civil Engineering Office of Nagasaki Prefecture)

Table 2-6 (1) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
1	 <p><b>Mr. Shim Kee-Oh</b> Manager, Nation's Institute for Disaster Reduction (Drought Control), Ministry of Government Administration and Home Affairs. Researched drought control in Japan and reported on drought control in Korea. Additionally, researched and reported on recent drought disasters in Vietnam and Papua New Guinea.</p>	Republic of Korea	1999
2	 <p><b>Mr. Ngo Van Sinh</b> Water-related Disaster Management Specialist, Disaster Management Center, Committee for Flood and Storm Control, Department of Flood Management, Flood and Storm Control, Ministry of Agriculture and Rural Development of S.R. Vietnam Reported on the legal system surrounding disaster reduction as well as flooding in Vietnam, studied flood reduction measures in Japan and visited related facilities. Conducted research under Professor Takara and Assistant Professor Toda, Disaster Reduction Institute, Kyoto University, in the area of water-related disasters.</p>	Vietnam	1999
3	 <p><b>Mr. Lek Nath Pokharel</b> Section Officer, Disaster Relief Section, Ministry of Home Affairs Reported on the legal system surrounding disaster reduction as well as natural disasters in Nepal, studied landslide reduction measures in Japan and visited related facilities. Conducted research under Assistant Professor Nakagawa, Disaster Reduction Institute, Kyoto University. Reported on flood management and the possible collapse of Tsho Rolpa glacial lake in the Himalayas and conducted research under Professor Ueda (cryospheric variation) at the Atmosphere-Hydrosphere Science Institute, Nagoya University.</p>	Nepal	1999
4	 <p><b>Mr. Nimal Dharmasiri Hettiarachchi</b> Deputy Director for Disaster Relief, Department of Social Services, Ministry of Home Affairs Reported on a basic disaster reduction bill in Parliament and natural disasters in Sri Lanka. Exchanged opinions with researchers from the UN Regional Development Center at Nagoya University and ADRC about sustainable development and its relations to disaster reduction.</p>	Sri Lanka	2000
5	 <p><b>Mr. M. Babul Akhter</b> Assistant Manager, Palli Karma Shayak Foundation, Treasury Department Reported on disaster reduction systems, natural disasters and the significance that a small business support program for women has with regards to disaster reduction in Bangladesh. Studied flood reduction and river management in Japan at the Ministry of Construction (now Ministry of Land Infrastructure and Transportation) and River Information Center because of the many flood disasters in his country.</p>	Bangladesh	2000
6	 <p><b>Mr. Chulananda Perera</b> Deputy Director, Sri Lanka Ministry of Social Welfare, National Disaster Management Center Reported on natural disasters, the legal system surrounding disaster reduction, and organizations such as the National Disaster Management Center in Sri Lanka. Prepared a training manual for disaster reduction that is needed in his country.</p>	Sri Lanka	2000
7	 <p><b>Ms. Hripsime Vardanyan</b> Secretary to Director, Armenia National Earthquake Center (NSSP) Reported on disasters in Armenia including the Spitak Earthquake and disaster reduction organizations such as NSSP. Visited the Cabinet Office and disaster reduction organizations in Hyogo and Shizuoka, to research disaster reduction in Japan.</p>	Armenia	2000
8	 <p><b>Ms. Philomena Miria</b> Director Education &amp; Training, National Disaster Management Organization (NDMO) Reported on recent disasters in Papua New Guinea including tidal waves and the eruption of Mt. Rapowl, as well as disaster reduction organizations such as the NDMO. Visited Sanriku and other locations to research Tsunami reduction measures in Japan. Prepared a training manual for disaster reduction in her country.</p>	Papua New Guinea	2001
9	 <p><b>Mr. So Ban Heang</b> Secretary-General, National Council on Disaster Management Organization (NDMO) Reported on flood disasters and measures in Cambodia, as well as the activity of NCDM. Visited Kotani Dam and the Kisosansen River Basin, as well as the Cabinet Office, NHK and the Japan Red Cross, to study flood reduction measures in Japan.</p>	Cambodia	2001
10	 <p><b>Mr. Mohamed Atikuzzaman</b> Deputy Director, Bangladesh Provincial Administration Training Center Reported on recent cyclones and flood disasters in Bangladesh, as well as BPATC training. Attended JICA Seminar on Disaster Management organized by ADRC and JICA. Researched all types of disaster reduction in Japan. Also gave a lecture on disaster situation of Bangladesh in Fuji Tokoha University.</p>	Bangladesh	2001

Table 2-6 (2) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
11	 <p><b>Mr. Tigran Saiyian</b> Head, Southern Department Task Force, National Survey for Seismic Protection Reported on antiseismic construction after the Spitak Earthquake and other earthquake measures, and activities of the NSSP. Also gave a lecture on disaster situation of Armenia in Fuji Tokoha University. Visited the Phoenix Plaza, seismic test lab and other disaster reduction organizations in Hyogo, to study disaster reduction measures in Japan.</p>	Armenia	2001
12	 <p><b>Mr. Khun Sokha</b> Assistant to the First Vice-President, National Committee for Disaster Management (NCDM) Reported on the status of and control measures against the rise of water of Lake Tonle Sap (Cambodia) and flooding of the Mekong River. Visited Shiga Pref. to study the flood control measures of Lake Biwa including the improvements of forestry surrounding the Lake. Prepared the report on disaster management of Cambodia.</p>	Cambodia	2002
13	 <p><b>Mr. V.P. Pasrija</b> Assistant Director, Disaster Management Division, Ministry of Home Affairs Reported on the damage from the Gujarat earthquake and disaster reduction system of India. Actively visited many disaster reduction facilities such as Hyogo Prefecture Disaster Management Center, Disaster Reduction and Human Renovation Institution to collect information contributing to the future establishment of a disaster reduction center in India. Prepared the report on disaster management of India.</p>	India	2002
14	 <p><b>Mr. Dilli Shiwakoti</b> Director, Dept. of Narcotics and Disaster Management, Ministry of Home Affairs Reported on the flooding in the Katmandu area in recent years, the current situation of landslides and floods frequently occurring in various regions and Nepal's disaster reduction projects. Participated in the Seminar on Disaster Management, which is conducted by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared the report on disaster management of Nepal.</p>	Nepal	2002
15	 <p><b>Ms. Bolormaa Borkhuu</b> Officer, Strategic Planning and Management Department, Ministry of Nature and Environment Reported on the current status of damages due to drought, heavy snow and forest fires in Mongolia. Also reported on the government's disaster reduction organizations and the Ministry of Nature and Environment. Updated the database of the ADRC website. Participated in the Seminar on Disaster Management, which is managed by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared the report on disaster management of Mongolia.</p>	Mongolia	2002
16	 <p><b>Mr. Vilayphong Sisomvang</b> Training Manager of National Disaster Management Office, Social Welfare Department, National Disaster Management Office, Ministry of Labor and Social Welfare Reported on the damage situation of flash flood and wild fire in Lao PDR and disaster management system. Also gave a lecture on disaster situation of Lao PDR in Fuji Tokoha University. Actively visited many disaster reduction facilities such as Disaster Prevention Research Institute of Kyoto University, Public Works Research Institute, and National Institute for Land and Infrastructure Management, Japan Meteorological Agency, JICA, Institute of Industrial Science of University of Tokyo and Life Safety Learning Center. Prepared the report on disaster management of Lao PDR.</p>	Lao PDR	2003
17	 <p><b>Mr. Rachman Sobarna</b> Researcher, Directorate of Volcanology and Geological Hazard Mitigation, Ministry of Energy and Mineral Resources Reported on the sediment related disasters in Indonesia and its monitoring system. Actively visited many disaster reduction facilities such as Hyogo Prefecture Disaster Management Center, Disaster Reduction and Human Renovation Institution, Disaster Prevention Research Institute of Kyoto University, Public Works Research Institute, and National Institute for Land and Infrastructure Management.</p>	Indonesia	2003
18	 <p><b>Mr. Om Prakash</b> Technical Officer (Disaster Management), Ministry of Home Affairs Reported on recent disaster situation such as Orissa Super Cyclone in 1999 and Gujarat Earthquake in 2001. Also gave a lecture on disaster situation of India in Fuji Tokoha University. Actively visited many disaster reduction facilities such as Japan Meteorological Agency, JICA, Institute of Industrial Science of University of Tokyo and Life Safety Learning Center. Updated the report on disaster management of India.</p>	India	2003
19	 <p><b>Mr. Rahmonov Suhrobsho</b> Chief Computer Operating Specialist, Ministry of Emergency Situations and Civil Defense of Tajikistan Reported on the disaster situation in Tajikistan such as the risk of floods from Sarez Lake and sediment related disasters. Participated in the Seminar on Disaster Management, which is managed by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared a report on disaster management of Tajikistan.</p>	Tajikistan	2003

Table 2-6 (3) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
20	 <p><b>Mr. Nguyen Thanh Phuong</b> Specialist Department of Dike Management and Flood and Storm Control, Ministry of Agriculture and Rural Development of Vietnam Reported on the current status of damages due to flood, and flood management of Hong River. Updated the database of the ADRC website. Participated in the Seminar on Disaster Management, which is managed by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared a report on disaster management of Vietnam.</p>	Vietnam	2003
21	 <p><b>Ms. Yuan Yi</b> Researcher, Disaster Information Department, National Disaster reduction Center Reported on the current status of disaster and disaster management system in China. Actively visited to the disaster related organizations such as the Cabinet Office, MLIT, Fire and Disaster Management Agency, Hyogo Prefecture to learn the holistic disaster management system in Japan. She specially researched the disaster information system and public awareness.</p>	China	2004
22	 <p><b>Ms. Bouasy Thammasack</b> Information Officer, National Disaster Management Office, R Social Welfare Department, Ministry of Labor and Social Welfare Reported on the flood and drought in Lao PDR. Actively visited to the disaster related Hyogo Prefecture to learn the holistic disaster management system in Japan. She joined the field survey of flood in Toyooka city and earthquake in Niigata prefecture to see the disaster emergency response in Japan.</p>	Lao PDR	2004
23	 <p><b>Mr. Shyam Sunder</b> Senior Economic Investigator, National Disaster Management Division, Ministry of Home Affairs Reported on recent disaster situation such as Orissa Super Cyclone in 1999 and Gujarat Earthquake in 2001. Actively visited to the disaster related organizations such as the Cabinet Office, MLIT, Fire and Disaster Management Agency, Hyogo Prefecture to learn the holistic disaster management system in Japan. He also joined the field survey of flood in Toyooka City and earthquake in Niigata prefecture to see the disaster emergency response in Japan.</p>	India	2005
24	 <p><b>Mr. Ross Sovann</b> Disaster Management Advisor, National Committee for Disaster Management, Council of Ministers Reported on the recent status of flood and disaster management system in Cambodia. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. He conducted research on institutional disaster management system in Japan.</p>	Cambodia	2005
25	 <p><b>Mr. Bal Bahadur Malla</b> Section Officer, Disaster Management Section, Ministry of Home Affairs Reported on the recent status of landslide in Nepal. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. He conducted the disaster management in local Governments in Japan.</p>	Nepal	2005
26	 <p><b>Ms. Maria Matilde Limpahan Go</b> Local Government Operations Officer V, Bureau of Local Government Development, Department of the Interior and Local Government Reported on the recent status of disaster management system in the Philippines. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. She conducted analytical comparison of the disaster management system in the ADRC member countries.</p>	Philippines	2005
27	 <p><b>Ms. Mirova Dilor Mirzovatanovna</b> Chief specialist, Management Unit, Minister's Office, Ministry of Emergency Situations and Civil Defense Reported on the recent status of landslide in Tajikistan. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared a report on disaster management of Tajikistan.</p>	Tajikistan	2005
28	 <p><b>Ms. Lyudmila Harutyunyan</b> Head of Seismic Station, National Survey for Seismic Protection (NSSP) Reported on the recent status of disasters in Armenia. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared a report on disaster management of Armenia.</p>	Armenia	2005



Table 2-6 (4) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
29	 <p><b>Mr. G.M.J.K. Gunawardena</b> Assistant Director, National Disaster Management Centre (NDMC), Ministry of Disaster Relief Services Reported on the recent status of disasters in Sri Lanka. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. Prepared a report on disaster management of Sri Lanka.</p>	Sri Lanka	2005
30	 <p><b>Mr. Sang-Hyeok Kang</b> Lecturer, Samcheok National University Reported on the recent status of floods in South Korea. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. He conducted the study on disaster management for floods.</p>	Republic of Korea	2006
31	 <p><b>Ms. Shaazan Altanchimeg</b> Senior Officer, Strategic Planning and Foreign Relation, National Emergency Management Agency (NEMA) Reported on the recent status of the disaster and disaster management system in Mongolia. Her research is to acquire the advanced theoretical and practical knowledge that Japan has developed in this field, especially on risk and vulnerability assessments. Participated in the Seminar on Disaster Management, which was co-hosted by JICA and ADRC, for a comprehensive research on disaster management practices in Japan.</p>	Mongolia	2006
32	 <p><b>Mr. Arun Pinta</b> Foreign Relation officer, Department of Disaster Prevention and Mitigation (DDRM) Reported on the recent status of the disaster and disaster management system in Thailand. His research is to focus on two main topics: (1) the past disaster in Thailand and (2) a comparative study of earthquake disaster management at a provincial/ prefectural level in Thailand and in Japan. Participated in the Seminar on Disaster Management, which was co-hosted by JICA and ADRC, for a comprehensive research on disaster management practices in Japan.</p>	Thailand	2006
33	 <p><b>Ms. Nwet Yin Aye</b> Head of Training and Research Division, Department of Relief and Resettlement Reported on Disaster Management System of Myanmar and Visiting Researcher Program. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. She conducted the comparative study on disaster management, especially in the areas of flood and cyclone management and disaster education systems in Japan.</p>	Myanmar	2007
34	 <p><b>Mr. Karybai uulu Kanatbek</b> Chief Specialist, External Relations and Investment Department, Ministry of Emergency Situations Reported on Research Findings as Visiting Researcher from Kyrgyzstan. Participated in the Seminar on Disaster Management, which was organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. He conducted the comparative study on disaster prevention and preparedness, disaster emergency measures, disaster recovery and construction earthquake countermeasures, and community based early warning systems in Japan.</p>	Kyrgys	2007
35	 <p><b>Ms. Zhang Yunxia</b> Researcher, National Disaster reduction Center Reported on Research Findings as Visiting Researcher from China. Participated in the seminars on Disaster Management, which were organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. She conducted to learn the disaster management systems of Japan and to introduce these experiences and the knowledge in her practice work for improvement.</p>	China	2007
36	 <p><b>Mr. Zafar Waqar Taj</b> Assistant Commissioner/ Chief Officer Municipal Committee, Gilgit Reported on Research Findings as Visiting Researcher from Pakistan. Participated in the seminars on Disaster Management, which were organized by JICA and ADRC, for comprehensive research of disaster reduction in Japan. He conducted the study how to implement and manage the building codes in Japan to apply the same for improving the present situation of his Committee Area.</p>	Pakistan	2007
37	 <p><b>Mr. Shambhu Prasad Marasini</b> Section Officer, Disaster Management Section, Ministry of Home Affairs Reported on Research Findings as Visiting Researcher from Nepal. Studied possibility to add improvement to the Nepalese present conditions by acquired a collection / analysis / inflection system of the information through various seminars and workplace visits, and experiencing it.</p>	Nepal	2008
38	 <p><b>Mr. Vu Thanh Liem</b> Specialist, Department of Dyke management, Flood and Storm Control, Ministry of Agriculture and Rural Department of S. R. Vietnam. Reported on Research Findings as Visiting Researcher from Vietnam. Studied possibility to add improvement to the Vietnamese present conditions because the acquisition experienced a Japanese disaster prevention system collection / analysis / application of information system related to a flood / a typhoon in particular through various seminars and workplace visits.</p>	Vietnam	2008

Table 2-6 (5) List of ADRC Visiting Researchers (VR) as of March 2018

	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
39	 <p><b>Mr. Muhammad Khalil Bin Aziz</b> Assistant Director, Malaysian Meteorological Department He studied to compare Malaysian Disaster Reduction Information with Japanese one, especially to study a flood, a typhoon, a tsunami and a landslide.</p>	Malaysia	2008
40	 <p><b>Ms. Areerat Wijitpatchrathon</b> Policy and Plan Analysis Officer, Department of Disaster Prevention and Mitigation She studied to compare Thailand Disaster Reduction Information with Japanese one, especially to study a flood and a landslide.</p>	Thailand	2008
41	 <p><b>Mr. Pradeep Kodippili</b> Assistant Director, Disaster Management Center, Sri Lanka He studied about Japanese disaster prevention measures, especially about Tsunami.</p>	Sri Lanka	2009
42	 <p><b>Mr. Shahid Hussain Malik</b> Director Administration, State Disaster Management Authority, Director Administration, State Disaster Management Authority, GoAJ&amp;K (Pakistan) He studied about Japanese disaster prevention measures, especially Camp Management.</p>	Pakistan	2009
43	 <p><b>Ms. Porcil Josefina Tan</b> Civil Defense Officer, Office of Civil Defense, Department of National Defense, Republic of the Philippines She studied about Japanese disaster prevention measures, especially Climate Change.</p>	Philippines	2009
44	 <p><b>Mr. Mishra Sagar</b> Section Officer, Ministry of Home Affairs He studied about Japanese disaster prevention measures in general, especially Disaster Management Cycle.</p>	Nepal	2009
45	 <p><b>Mr. Aziz Ali Nasser Al-haimi</b> Manager of Floating Unit, Yemen Coast Guard, Red Sea Sector Floating Unit He studied about Japanese disaster prevention measures, especially about Volcano and Earthquake Prediction in Japan.</p>	Yemen	2009
46	 <p><b>Ms. Phurimon Puneam</b> Plan and policy Analyst, department of Disaster Prevention and Mitigation She studied about Japanese disaster prevention measures, especially GIS, RS and GLIDE in Japan.</p>	Thailand	2009
47	 <p><b>Mr. Amirzudi Bin Hashim</b> Principal Assistant Director of the Central Forecast Office, Malaysia Meteorological Department He studied about Japanese disaster prevention measures, especially community based disaster prevention in Japan.</p>	Malaysia	2009
48	 <p><b>Mr. Chinthaka D. Hemachandra</b> Scientist / Geologist, Landslide Studies &amp; Services Division, National Building Research Organization (NBRO), Ministry of Disaster Management He learned Japanese sediment disaster management for improvement of sediment disaster measures in Sri Lanka - especially focusing on dissemination of early warning information and soil control under the guidance and advice of Prof. Hiroshi Fukuoka, Research Center on Landslides, Disaster Prevention Research Institute, Kyoto University.</p>	Sri Lanka	2010
49	 <p><b>Ms. Carmelita A. Laverinto</b> Accountant, Office of Civil Defence (OCD) Region 3, Department of National Defence She conducted comparative study on flood disaster risk management between Japan and the Philippines towards creation of flood resilient city by effective disaster risk management policy.</p>	Philippines	2010

Table 2-6 (6) List of ADRC Visiting Researchers (VR) as of March 2018

	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
50	 <p><b>Mr. Ara Ghonyan</b> Leading Specialist, Seismology Division, National Survey for Seismic Protection, Ministry of Emergency Situations, Armenia He learned about Japanese earthquake information dissemination for improving Armenian earthquake information.</p>	Armenia	2010
51	 <p><b>Mr. Mohiuddin Ahmed Khan</b> Deputy Secretary (Administration and Service), Disaster Management and Relief Division, Ministry of Food and Disaster Management He conducted research for improving community mobilization for disaster risk management in Bangladesh by comparative study of disaster risk reduction measures in Japan and Bangladesh especially focusing on public awareness through disaster education.</p>	Bangladesh	2010
52	 <p><b>Mr. Baasansuren Demberelynam</b> Foreign Relation Officer, National Emergency Management Agency (NEMA), Mongolia He conducted research for strengthening international cooperation for disaster risk management.</p>	Mongolia	2010
53	 <p><b>Ms. Maiya Kadel</b> Section Officer, Disaster Management Section, Ministry of Home Affairs (MOHA) She made a research on problems and challenges of disaster preparedness planning in Nepal and make a guideline to get involvement community people in the process of policy planning.</p>	Nepal	2010
54	 <p><b>Ms. A.M.J.D.K Mudalige</b> District Disaster Management Coordinator, Disaster Management Centre, Ministry of Disaster Management She made a research on the establishment of sustainable flood early warning system for the rivers in the Kegalle district by learning Japanese methodologies for flood early warning.</p>	Sri Lanka	2010
55	 <p><b>Ms. Amornthip Paksuchon</b> Human Resource Development Officer, Bureau of Disaster Prevention Promotion, Department of Disaster Prevention and Mitigation (DDPM) She has the intention to study about CBDRM tools of Japan to actively mobilize community people to the disaster management activities.</p>	Thailand	2010
56	 <p><b>Mr. Emin Nazarov</b> Senior Advisor, Department of Information and Analytics Crisis Management Center, Ministry of Emergency Situations He learned about emergency response management at each level in Japan for improving the current disaster response system in Azerbaijan as his final output of the research.</p>	Azerbaijan	2011
57	 <p><b>Ms. Surina Binti Othman</b> Assistant Director, Meteorological Officer, Malaysian Meteorological Department She made a research on the disaster risk reduction and management related to climate change by comparing current situation and efforts in Japan and Malaysia.</p>	Malaysia	2011
58	 <p><b>Ms. Anna-lisa Dumaguig Orallo</b> Civil Defense Officer II, Office of Civil Defense, Department of National Defense She conducted comparative study on the earthquake risk and vulnerability management in Japan and in the Philippines.</p>	Philippines	2011

Table 2-6 (7) List of ADRC Visiting Researchers (VR) as of March 2018

	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
59	 <p><b>Mr. Sisira Wanninayake</b> District Disaster Management Coordinator, Disaster Management Centre (DMC), Ministry of Disaster Management He studied on flood mitigation as the solution for droughts through learning about the drought and flood management in Japan.</p>	Sri Lanka	2011
60	 <p><b>Mr. Md Munir Chowdhury</b> Deputy Secretary, Disaster Management &amp; Relief Division, Ministry of Food and Disaster Management He conducted comparative study on DRR focusing on livelihood recovery in Bangladesh and Japan.</p>	Bangladesh	2011
61	 <p><b>Ms. Bazarragcha Sodnom</b> Engineer, Fire Research Center, Disaster Research Institute, National Emergency Management Agency (NEMA) She conducted a comparative study on community participation in disaster risk mitigation in Mongolia and Japan</p>	Mongolia	2011
62	 <p><b>Mr. Dangal Rameshwor</b> Chief, Disaster Management Section, Ministry of Home Affairs He conducted research on disaster management system focusing on the legal framework for effective DRR.</p>	Nepal	2011
63	 <p><b>Ms. Phatsita Rerngnirunsathit</b> Scientist, Department of Disaster Prevention and Mitigation (DDPM), Ministry of Interior She studied about disaster preparedness and early warning and disaster reduction measures in Japan.</p>	Thailand	2011
64	 <p><b>Ms. Khangaldyan Armine</b> Principal Specialist, Department of the Observation Network and Information Analysis, National Survey for Seismic Protection, Ministry of Emergency Situations She conducted a research on seismic monitoring and seismic hazard assessment in Japan, and made recommendation for earthquake disaster management and research in Armenia.</p>	Armenia	2012
65	 <p><b>Mr. Liu Nanjiang</b> Researcher, Disaster Group in Data Center, National Disaster Reduction Center of China (NDRCC) He made a research on disaster management system and disaster information management system in Japan and China</p>	China	2012
66	 <p><b>Mr. Sekimov Adilet</b> Specialist Monitoring and Project Realization Bureau, International Cooperation Department, Ministry of Emergency Situations He conducted a comparative study on comprehensive disaster risk management system of Japan and Kyrgyz Republic.</p>	Kyrgyz Republic	2012
67	 <p><b>Mr. Moneer Abdullah Mohammed Al-Masni</b> Deputy Director/ Earthquake Engineering, Seismological and Volcanological Observation Center (SVOC) He compiled a report on his research in Japan discussing applicability to earthquake disaster management in Yemen.</p>	Yemen	2012

Table 2-6 (8) List of ADRC Visiting Researchers (VR) as of March 2018

	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
68	 <p><b>Mr. Duni Chand Rana</b> Joint Secretary, Himachal Pradesh Government, HP Secretariat Joint Secretary, Himachal Pradesh Government, HP Secretariat He researched on current status of Emergency Response System (ERS) in Japan and model ERS on international best practices current status of Emergency Response System (ERS) in Japan and model ERS on international best practices.</p>	India	2012
69	 <p><b>Mr. Agustian Rizal</b> Planning Bureau Staff, National Agency for Disaster Management (BNPB) He conducted comparative study on disaster risk reduction between Japan and Indonesia to further build the resilience of Indonesia.</p>	Indonesia	2012
70	 <p><b>Ms. Ma Aletha Ahumada Nogra</b> Civil Defense Officer III, Office of Civil Defense (OCD) She conducted a comparative analysis of the Japan and Philippines on institutionalizing community disaster risk reduction on seismological hazards.</p>	Philippines	2012
71	 <p><b>Ms. Rujira Chariyaphan</b> Social Worker, the Bureau of Disaster Victim Assistance, Department of Disaster Prevention and Mitigation (DDPM) Ministry of Interior She studied about investigate on tracking system and management of donated goods in Japan.</p>	Thailand	2012
72	 <p><b>Mr. Thaufeeq Ibrahim</b> Assistant Director, Directorate of Operations and Training, Maldives National Defense Force He conducted a comparative study on community-based DRR policies between Japan and Maldives.</p>	Maldives	2013
73	 <p><b>Ms. Chinbaatar Lkhamjav</b> Senior Officer in Charge of Radio Communication and Early Warning System, National Emergency management Agency Early Warning Center She compiled a report on her research by comparing the earthquake early warning systems in Japan and Mongolia and discussing application of Japan's expertise to Mongolia.</p>	Mongolia	2013
74	 <p><b>Ms. Thandar Aung</b> Upper Divisional Clerk, Relief and Resettlement Department, Ministry of Social Welfare, Relief and Resettlement She conducted comparative study on emergency response systems in Japan and Myanmar.</p>	Myanmar	2013
75	 <p><b>Mr. Mansurjon Thashpulatov</b> Leading Specialist of Hydrogeology, Engineering Geology and Geoecological Department, State Committee of the Republic of Uzbekistan on Geology and Mineral Resources He conducted comparative study of earthquake and landslide monitoring systems in Japan and Uzbekistan.</p>	Uzbekistan	2013
76	 <p><b>Mr. Islam Mohammad Manirul</b> Senior Assistant Secretary, Ministry of Disaster Management and Relief He compiled a report on integrated framework for earthquake preparedness in Japan for assessment of the applicability to Bangladesh.</p>	Bangladesh	2013

Table 2-6 (9) List of ADRC Visiting Researchers (VR) as of March 2018

	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
77	 <p><b>Mr. Pema Thinley</b> ICT/Geographic Information System Officer, Department of Disaster Management, Ministry of Home and Cultural Affairs He made research on best practice in the use of GIS, Remote Sensing and ICT for disaster information management system and emergency response system.</p>	Bhutan	2013
78	 <p><b>Mr. Leng Heng An</b> Personal Assistant to Secretary General, National Committee for Disaster Management He studied about how to collaborate national disaster management organization and NGO in disaster risk reduction.</p>	Cambodia	2013
79	 <p><b>Mr. Bakhtiari Ali</b> Senior Expert, National Disaster Management Organization He conducted research on integration of disaster risk reduction into national and local government development planning.</p>	Iran	2013
80	 <p><b>Ms. Nyo Nyo Aye</b> Upper Divisional Clerk, Relief and Resettlement Department, Ministry of Social Welfare, Relief and Resettlement Through the lectures and visits to various relevant institutions including Cabinet Office, Japan Meteorological Agency Osaka Regional Headquarters and local governments she conducted research on flood countermeasures, river management and meteorological observation and studied application to flood management in Myanmar.</p>	Myanmar	2014
81	 <p><b>Mr. Koirala Pradip Kumar</b> Under-Secretary at Disaster Management Division, Ministry of Home Affairs He compiled a report on his research by conducting comparative analysis of disaster management systems in south Asian countries and Japan and discussed applicability to Nepal</p>	Nepal	2014
82	 <p><b>Mr. Madawan Arachchi Nuwan Prasantha</b> Assistant Director (Preparedness), Disaster Management Center, Ministry of Disaster Management After taking lectures on emergency response by local government and community-based disaster drill, he made research on methodologies of public awareness.</p>	Sri Lanka	2014
83	 <p><b>Ms. Dammag Hazar Fadhl</b> Head of Water Section Policy, Ministry of Water and Environment She conducted a comparative study of water resource management in Japan and Yemen to strengthen technical and institutional capacity in water resource management in Yemen.</p>	Yemen	2014
84	 <p><b>Mr. Safaraliyev Rustam</b> Deputy Head of Crises Management Center, Ministry of Emergency Situations He studied about methodology and mechanism of interaction between local community and disaster and conducted case analyses and research on application to community-based disaster risk management in Azerbaijan.</p>	Azerbaijan	2014
85	 <p><b>Mr. Lotay Yeshey</b> Deputy Executive Engineer, Department of Disaster Management, Ministry of Home and Cultural Affairs He conducted a comparative study on windstorm damages on the rural homes in Bhutan and Japan after learning expertise on countermeasures against windstorm damages to homes and compiled recommendation to the application to houses in Bhutan.</p>	Bhutan	2014

Table 2-6 (10) List of ADRC Visiting Researchers (VR) as of March 2018




	<b>VR (Name, Title at the Time of Visit, Outline of Research)</b>	<b>Country</b>	<b>Fiscal Year</b>
86	 <p><b>Ms. Moosa Fathmath Shaushan</b> Senior Assistant Secretary, National Disaster Management Center She conducted research on applicability of approaches to Maldives in order to contribute to improve tsunami monitoring and early warning system in the Maldives.</p>	Maldives	2014
87	 <p><b>Ms. Ortega Ameerha Parale</b> Civil Defense Officer I, Office of Civil Defense Region III She studied dam management and disaster risk management issues from experts of relevant ministries, local government and research institutes and also visit dam management offices and communities and conducted comparative analysis on dam management in Japan and Philippines.</p>	Philippines	2014
88	 <p><b>Mr. Vigen Harutyunyan</b> Head of Department of Data Acquisition Processing and Analysis, Center of Seismic Hazard Assessment, Western Survey for Seismic Protection, Ministry of Emergency Situation He made research on seismic monitoring, seismic hazard assessment and disaster information acquisition processing analysis in Armenia. He studied earthquake monitoring system through visits and lectures related to his research topic. He conducted comparative studies on earthquake monitoring and information management system in Japan and Armenia.</p>	Armenia	2015
89	 <p><b>Mr. Tahir Mehmood</b> Assistant Meteorologist, National Seismic Monitoring Centre, Pakistan Meteorological Department He studied on earthquake and tsunami resilience in Gwadar City, Pakistan. He took lectures by experts of municipalities, research institutes and visited affected sites to conduct the research.</p>	Pakistan	2015
90	 <p><b>Mr. Fozilov Elyor</b> Leading Specialist, State Committee of Republic of Uzbekistan on Geology and Mineral Resources He conducted study about system development of landslide monitoring and early warning and water systems. Through lectures and visits in relation to landslide monitoring system and affected areas and disaster education focusing on landslide, he made recommendation to landslide countermeasures in Uzbekistan.</p>	Uzbekistan	2015
91	 <p><b>Mr. Andrew Lalhruaia</b> Deputy Director (Plan), Urban Development &amp; Poverty Alleviation Department, Government of Mizoram He made research about landslide disaster mitigation in Mizoram. He took lectures from responsible organizations such as Ministry of Land, Infrastructure, Transport and Tourism, local governments and academia as well as landslide monitoring sites and affected sites. He examined the applicability to landslide countermeasures of the State of Mizoram.</p>	India	2015
92	 <p><b>Mr. Inayath Mohamed</b> Director, Programs, National Disaster Management Center (NDMC) He studied about early warning and emergency response mechanism. He took lectures from Cabinet Office, Japan Meteorological Agency, local governments, police and fire departments. Through such lectures and visiting the organizations, he conducted comparative analysis on the systems of Maldives and Japan and compile recommendation to Maldives.</p>	Maldives	2015
93	 <p><b>Mr. Liyanaarachchige Chathura</b> Assistant Director (Preparedness), Disaster Management Center, Ministry of Disaster Management He studied on institutional disaster management plans in Japan. For this, he conducted comparative survey on disaster management laws and other plans like contingency planning and BCPs at different levels and topics by visiting Cabinet Office, local governments, related organizations and experts at academia</p>	Sri Lanka	2015
94	 <p><b>Ms. Syuzanna Kakoyan</b> Leading Specialist of Department of Sociology and Psychology, Western Survey for Seismic Protection, Ministry of Emergency Situation She made research on disaster education and human resource development. She gathered information on disaster education at school and awareness to analyze comparative study between Armenia and Japan and made recommendation to Armenia.</p>	Armenia	2016

Table 2-6 (11) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
95	 <p><b>Ms. Susilastut</b> Disaster Management Facilitator in Directorate of Preparedness, National Disaster Management Authority (BNPB) She studied on lesson learned of psychosocial issues and disaster preparedness of earthquake and tsunami. She took lectures on research on psychosocial studies in Japan which widely started after the Great Hanshin Awaji Earthquake. Through taking lectures and visits by experts at national level and Hyogo prefecture, hi considered applicability to her country.</p>	Indonesia	2016
96	 <p><b>Ms. Lorene Sia Catedral</b> Civil Defense Officer III, Office of Civil Defense Caraga Regional Office (OCD) She studied about factors contributing to the high resiliency and adaptive capacity of Japan to natural disasters. Through lectures and visits at central and local governments and lectures to conduct comparative study in Philippines and Japan and consider applicability of effective system and cases to Philippines.</p>	Philippines	2016
97	 <p><b>Mr. Akbar Bacha</b> Assistant Director, National Disaster Management Authority (NDMA) He has the intention to research about role and needs for education and awareness in disaster risk management in Pakistan. He is taking lectures from relevant DRR organizations, local governments, and educational facilities to examine the situation of disaster education and roles of different stakeholders and to make recommendation to Pakistan.</p>	Pakistan	2016
98	 <p><b>Mr. Jayarathne Jeewandara Mudiyansele Aruna Ravindra</b> Assistant Director (Early Warning), Disaster Management Center, Ministry of Disaster Management He analyzed the effectiveness of Early Warning to tsunamis in Galle District-Sri Lanka. By taking lectures from Japan Meteorological Agency, local governments and research institutes and visits to monitoring sites, he will gain understanding of Early Warning system in Japan and consider applicability to Sri Lanka.</p>	Sri Lanka	2016
99	 <p><b>Mr. Sarote Thiprut</b> Civil Engineer, Practitioner Level, Department of Disaster Prevention and Mitigation (DDPM), Ministry of Interior He plans to conduct a comparative study on the prevention and reduction of risks of disasters in Japan and Thailand. For this, he will take lectures at DRR organizations, local governments and academia to conduct comparative survey on various approaches in disaster management.</p>	Thailand	2016
100	 <p><b>Ms. Kirakosyan Hasmik</b> Main specialist of Department Seismic Disaster Risk Reduction, Survey for Seismic Protection Agency, Ministry of Emergency Situation She conducted research on the innovative methods and experience using for the development of population preparedness to seismic disasters. She gathered information and made analysis through lectures and visits to municipalities, schools and relevant organization to conduct comparative analysis between Armenia and Japan and made recommendation to Armenia.</p>	Armenia	2017
101	 <p><b>Mr. Wangchuk Tashi</b> District Disaster Management Officer, District Administration, Samdrup Jongkhar, Bhutan His research was to study on mainstreaming of Disaster Risk Reduction into development plan, policy, program and project in Bhutan's Five Year Plan. Through the lectures and interviews with experts of the central and local governments, he analyzed Japan's practice and discussed its application to Bhutan.</p>	Bhutan	2017
102	 <p><b>Mr. Calang Marc Gil</b> Civil Defense Assistant, Office of Civil Defense Caraga Regional Office (OCD) He researched about disaster response and preparedness mechanisms of the Philippines and Japan. Through lectures and visits to various disaster response organizations, he gained understanding of Japan's system and conducted comparative analysis between the two counties and made recommendation to the Philippines for establishing appropriate disaster response mechanism.</p>	Philippines	2017



Table 2-6 (12) List of ADRC Visiting Researchers (VR) as of March 2018

	VR (Name, Title at the Time of Visit, Outline of Research)	Country	Fiscal Year
103	 <p><b>Mr. Brohi Nasur Ullah</b> Assistant Director, National Disaster Management Authority (NDMA), Prime Minister's Office He studied Community-Based Early Warning System (CBEWS) in Pakistan. Focusing on communities with little access to customary Early Warning System, he surveyed information dissemination methods and disaster knowledge for awareness raising and early evacuation. He visited Japan Meteorological Agency, local governments, education sectors to learn the situations of Japan's Early Warning System and disaster education of community and make recommendation to his country.</p>	Pakistan	2017
104	 <p><b>Mr. Pham Thanh Hong</b> Scientific Research Specialist, Disaster Management Center (DMC) Water Resource Directorate He conducted comparative study on landslide disaster management. He took lectures from landslide-related organizations and research institutes, central and local governments and private companies to get wide range of information and knowledge on landslide monitoring and countermeasures.</p>	Vietnam	2017
105	 <p><b>Ms. Srikwan Puntatip</b> Plan and Policy Analyst, Department of Disaster Prevention and Mitigation (DDPM), Ministry of Interior She conducted research about safety culture in Japan and to make comparative analysis between Thailand and Japan. She visited communities, voluntary disaster management organizations and NPOs and so on to learn from experts of disaster management organizations.</p>	Thailand	2017

(2) HR Development

o **Program to Invite Trainees for GLIDE Operators**

In addition to the above Visiting Researcher Program, as the training program for the GLIDE operators under the Japan-

ASEAN Integration Fund (JAIF) Project, trainees were invited from member countries belong to ASEAN for two and half months.

Table 2-7 List of Trainees for GLIDE Operators Training in Japan under the JAIF Project (2.5 months)

VR (Name, Title at the Time of Visit)		VR (Name, Title at the Time of Visit)	
2008		2009 (Cont.)	
1	 <p><b>Ms. Ping Vimala Khounthalangsy</b> Deputy Director of Information and Data Collecting Unit, Ministry of Labour and Social Welfare, National Disaster Management Office (Lao PDR)</p>	6	 <p><b>Mr. Lam Ngoc Lu</b> Specialist of Flood and Storm Control, Department of Dyke Management and Flood Storm Control (Viet Nam)</p>
2	 <p><b>Mr. Prasong Thammapala</b> Expert on Dyke Management and Flood Control, Department of Disaster Prevention and Mitigation, Information Technology Center (Thailand)</p>	2010	
3	 <p><b>Ms. Amor Bantigue Rosana</b> Office of Civil Defence, National Disaster Coordinating Council (Philippines)</p>	7	 <p><b>Mr. Kheang Chansophearom</b> Assistant to Secretary General for Administration and Disaster Management System, National Committee for Disaster Management (Cambodia)</p>
2009		8	 <p><b>Ms. Wulandari Arie Astuti</b> Disaster Risk Analyst, National Agency for Disaster Management (BNPB) (Indonesia)</p>
4	 <p><b>Mr. Azmi Bin Atan</b> Principal Assistant Director, Malaysian Meteorological Department (Malaysia)</p>	9	 <p><b>Mr. Nyi Nyi Naing</b> Assistant Director for Yangon Office, Relief and Resettlement Department, Ministry of Social Welfare, Relief and Resettlement (Myanmar)</p>
5	 <p><b>Mr. Meng Hong Ling</b> Rota Commander, Singapore Civil Defence Force Control Room (Singapore)</p>		

Figure 2-17 Training Activities in 2010

## 20th Anniversary Congratulatory Messages



Happy Anniversary ADRC! Wishing you lots of success in the years ahead!!! I cannot fully

appreciate how great it was working with you! I will forever be grateful for the knowledge and skills that I have gained working with you!!!  
(Hripsime Vardanyan, 2000 Armenia)



I spent as a VR for 3 months and did the comparative study on Tsunami early warning system in

Japan and Sri Lanka. I used the knowledge to develop the early warning system in Sri Lanka. Now we have an improved Tsunami early warning system. I will ever remember the wonderful support given by the ADRC . Wish you all the best and all the staff of the ADRC to provide this service for long.  
(Pradeep Kodippili, 2009 Sri Lanka)



Happy anniversary ADRC. I hope that as a leading research institute in the world, ADRC has

done remarkable job within the past 20 year period of time. I propose you to make some programme to coordinate all past VRs for some innovative work for DRR in the world. Best wishes for your future.  
(Sisira Wanninayake, 2011 Sri Lanka)



Happy Anniversary ADRC! Wishing you more success in disaster reduction endeavors in Asia.

As a result of the VR program, Mongolia made considerable progress in strengthening the disaster management system in a relatively short time.  
(Bolormaa Borkhuu, 2002 Mongolia)



Happy anniversary ADRC, wishing you more years to help other in sharing your success stories

and milestones in disaster risk reduction. Keep on helping other countries and thank you for the wonderful experience.  
(Carmelita A Laverinto, 2010 Philippines)



Happy to learn that ADRC passed 20-year of journey and proud to be spent my best experiences there.

(Md Munir Chowdhury, 2011 Bangladesh)



Congratulations to ADRC's 20 years anniversary! Look forward to continuing

cooperation and collaboration in disaster reduction towards safe and resilient community.  
(Ross Sovann, 2005 Cambodia )



Congratulations on 20th Anniversary Asian Disaster Reduction Center!

(Amornthip Paksuchon, 2010 Thailand)



Happy Anniversary ADRC!

(Bazarragchaa Sodnom, 2011 Mongolia)



All ADRC staff, thanks for your activities!

(Karybai uulu Kanatbek, 2007 Kyrgyz)



Happy Anniversary ADRC, more wonderful years to come. Thank you for the teachings

on DRR you've shared. More power to the wonderful people of ADRC, you're truly a blessing to everyone.

(Anna-lisa Dumaguig Orallo, 2011 Philippines)



Happy 20th anniversary to all at ADRC, where everyone is extremely friendly


and willing to help out at a moment's notice. I am lucky to have an opportunity to congratulate such a great organization as ADRC. I would like to extend my heartfelt congratulations.

(Khangaldyan Armine, 2012 Armenia)

## from the Former ADRC Visiting Researchers




I kindly expressing my deep congratulations. I hope your mission will grow up. I really proud that receive part of your experience. Happy anniversary!!!  
(Sekimov Adilet, Kyrgyz 2012)




I wish ADRC all the best and wish that it continues to provide support to member countries in building their capacity for DRR. My stint as VR at ADRC is full of good memories about the DRR system in Japan and Japanese way of life. I have been greatly benefitted by this program and I am happy to note that I was able to take DRR initiative forward in my own country while working in different sphere of governance. ADRC and Japan will always remain impinged in my memories as perfect examples of learning. Good luck and keep the good work going!  
(Duni Chand Rana, 2012 India)




Happy Anniversary ADRC! Thank you for the wonderful experience.  
(Nyo Nyo Aye, 2014 Myanmar)




Happy Anniversary! Throughout my stay in Japan, I succeed to closely explore the Japan's National DRR System from various aspects. All knowledge I had gained during my research is worth sharing. ADRC provides ambitious activities in the field of DRR. With great pleasure, I would like to wish all ADRC staff members professional accomplishments, fresh ideas and fruitful cooperation!  
(Safaraliyev Rustam, 2014 Azerbaijan)



Happy Anniversary ADRC! Wishing ADRC in the years of contribution in the area of DRR awareness and activities such as VR program. Lets work together to reduce the Disaster Risk around the globe.  
(Lotay Yeshey, 2014 Bhutan)



The way I spend life in Japan, the people I met ,the living style and my new experienced in ADRC are really good memories and irremovable in my mind.  
(Andrew Lalhruaia, 2015 India)



Happy Anniversary ADRC. Keep on helping other countries and best wishes for your future!  
(Tahir Mehmood, 2015 Pakistan)



Congratulations for 20 anniversaries of ADRC. I am glad that I had an opportunity to get a tremendous experience based on collaboration with one of the leading organizations in Japan in the field of disaster management and DRR. Thanks all staff for high professionalism.  
(Syuzanna Kakoyan, 2016 Armenia)



Happy Anniversary ADRC, I am really thankful to ADRC for promoting DRR culture and resilience through numbers of initiatives and approaches especially disaster experience sharing of member countries via ADRC VR Program.  
(Akbar Bacha, 2017 Pakistan)



Happy anniversary! On this occasion, I want to say "thank you" ADRC, for organizing all meetings, lectures, presentations, trips and for wholesome advice. And also thanks all the staff ADRC for hospitality and support for me and other visitors. Thank you very much! I'm really going to miss you.  
(Pham Thanh Hong, 2017 Vietnam)

(2) HR Development

## (2) DRR Seminars and Training Courses

### o JICA Training Courses

In cooperation with JICA Kansai and Disaster Reduction Learning Center which was established by JICA and Hyogo Prefecture, ADRC has provided training courses on the

disaster management systems and DRR technology in Japan for officials in charge of DRR invited from developing countries. The training courses have contributed to fostering human resources capable of effective disaster countermeasures.

Table 2-8 List of the Training Courses

FY	Title of Training Course	Duration	FY	Title of Training Course	Duration
2000	Disaster Management Training Course	2001.1 - 2001.3	2010	Comprehensive DRR for Central Asia and Caucasus	2010.7 - 2010.8
2001	Disaster Management Training Course	2002.1 - 2002.3		Dissemination and Establishment of Disaster Prevention Culture	2011.1 - 2011.2
2002	Disaster Management Training Course	2003.1 - 2003.3		Comprehensive DRR	2011.1 - 2011.2
2003	Disaster Management Training Course	2004.1 - 2004.2		Disaster Management Training Course for China	2010.8 - 2010.9
	Disaster Management Training Course for Turkey	2003.6 - 2003.6	2011	Comprehensive DRR for Central Asia and Caucasus	2011.6 - 2011.8
2004	Disaster Management Training Course	2005.1 - 2005.2		Comprehensive DRR	2012.1 - 2012.2
	Disaster Management Training Course for Central Asia and the Caucasus	2004.8 - 2004.9		Disaster Management Training Course for China	2011.10 - 2011.11
	Disaster Management Training Course for Turkey	2004.5 - 2004.9	2012	Comprehensive DRR for Central Asia and Caucasus	2012.6 - 2012.8
	Tsunami Information System	2005.3 - 2005.3		Comprehensive DRR	2013.1 - 2013.2
2005	Disaster Management Training Course for Central Asia and the Caucasus	2005.8 - 2005.9		Raising Awareness of Disaster Reduction	2013.1 - 2013.2
	Disaster Management Training Course	2006.1 - 2006.2	2013	Comprehensive DRR for Central Asia and Caucasus	2013.6 - 2013.8
	Seminar on Building Tsunami Warning System for Indian Ocean	2006.1 - 2006.2		Comprehensive DRR	2014.1 - 2014.2
	Disaster Management Training Course for Turkey	2006.1 - 2006.2		Raising Awareness of Disaster Reduction	2014.1 - 2014.2
	Disaster Management Training Course for Iran	2006.2 - 2006.3	2014	Comprehensive DRR for Central Asia and Caucasus	2014.6 - 2014.8
2006	Disaster Management Training Course for Turkey	2006.8 - 2006.8		Comprehensive DRR	2015.1 - 2015.2
	Disaster Management Training Course for Central Asia and the Caucasus	2006.8 - 2006.9		Raising Awareness of Disaster Reduction (A)	2014.6 - 2014.7
	Training "Disaster Prevention in School"	2006.8 - 2006.9		Raising Awareness of Disaster Reduction (B)	2015.1 - 2015.2
	Disaster Management Training Course for Turkey	2006.8 - 2006.9	2015	Comprehensive DRR for Central Asia and Caucasus	2015.6 - 2015.7
	Disaster Management Training Course for Southeast Europe	2007.1 - 2007.2		Comprehensive DRR	2016.1 - 2016.2
	Disaster Management Training Course for Iran	2007.2 - 2007.3		Raising Awareness of Disaster Reduction( A•Vietnam)	2015.6 - 2015.7
	Training "Strengthening the Disaster Coordination System" for Istanbul	2007.3 - 2007.3		Raising Awareness of Disaster Reduction (B)	2016.1 - 2016.2
2007	Comprehensive DRR for Central Asia and Caucasus	2007.8 - 2007.9	2016	Comprehensive DRR for Central Asia and Caucasus	2016.6 - 2016.7
	Training "Disaster Prevention in School"	2007.8 - 2007.9		Comprehensive DRR (C•Brazil)	2016.10 - 2016.11
	Comprehensive DRR	2008.1 - 2008.2		Japan-Singapore Partnership Program for Disaster Risk Reduction and Management	2016.11 - 2016.12
	Training "Strengthening the Disaster Coordination System" for Istanbul	2007.8 - 2007.9		Comprehensive DRR (A)	2017.1 - 2017.2
	Training for Local Government Officials in Turkey	2008.2 - 2008.3		Raising Awareness of Disaster Reduction	2017.1 - 2017.2
2008	Dissemination and Establishment of Disaster Prevention Culture	2009.1 - 2009.2	2017	Comprehensive DRR for Central Asia and Caucasus	2017.6 - 2017.7
	Comprehensive DRR	2009.1 - 2009.2		Japan-Singapore Partnership Program for Disaster Risk Reduction and Management	2017.11 - 2017.12
	Disaster Management Training Course for Iran	2009.2 - 2009.2		Comprehensive DRR (B)	2018.1 - 2018.2
	Comprehensive DRR for Central Asia and Caucasus	2008.7 - 2008.8		Raising Awareness of Disaster Reduction	2018.1 - 2018.2
2009	Comprehensive DRR for Central Asia and Caucasus	2009.7 - 2009.8	2018	Comprehensive DRR for Central Asia and Caucasus	2018.6 - 2018.7
	Dissemination and Establishment of Disaster Prevention Culture	2009.8 - 2009.10		Comprehensive DRR (A)	2019.1 - 2019.2
	Comprehensive DRR	2010.1 - 2010.2			
	Disaster Management Training Course for Iran	2009.11 - 2009.11			



Figure 2-18 "Town Watching" Program in JICA Training Course



Figure 2-19 Visit to Hokudan Earthquake Memorial Park

### o Urban Search and Rescue Training in Singapore

The Civil Defense Academy (CDA) of the Singapore Civil Defence Force (SCDF) holds an annual training course for search and rescue officers for the search-and-rescue expertise required in urban disaster situations. The training facility complex has received a high evaluation as one of

the most advanced facilities in Asia from member countries. In an effort to utilize their expertise and facilities, ADRC has been inviting fire fighters and rescuers from member countries to participate in this training course since 2001. Following table is the list of participants in past. The number of participants has reached 55 in total.

Table 2-9 Countries of Past Participants

Fiscal Year	Countries of the Past Participants	Number
2001	Philippines, Myanmar, Korea	3
2002	Cambodia, Laos, Mongolia, Philippines, Vietnam	5
2003	Cambodia, Malaysia(2), Myanmar, Sri Lanka, Thailand(2), Philippines(2)	9
2004	Armenia, China, Nepal, Philippines	4
2005	Korea, Pakistan, Papua New Guinea, Russia	4
2006	Laos, Malaysia(2), Pakistan, Philippines(2), Papua New Guinea, Vietnam	8
2007	Bangladesh, Korea, Nepal, Philippines	4
2008	Bhutan, Thailand, Kazakhstan, Mongolia	4
2009	Armenia, Sri Lanka	2
2010	Bhutan, Mongolia, Maldives	3
2011	Bangladesh, Russia	2
2012	Thailand, Mongolia	2
2013 (2014)	Maldives, Bhutan	2
2015	Azerbaijan	1
2016	Mongolia	1
2017	Cambodia	1
Total		55



Figure 2-20 Training for Search and Rescue from Debris



Figure 2-21 Certificate Award Ceremony

### (3) Implementation of Short-term Training

ADRC has been conducting a short-term training for the disaster risk reduction at the request of relevant organizations. Target people of the training are mainly government officials and students overseas.

The contents of the training are focused on the current state of disasters in Asia, the activities of the Asian Disaster

Reduction Center, the disaster prevention and DRR measures in Japan, disaster information network, hazard mapping and so on. The training activity is a good opportunity to deepen their understanding of the efforts and awareness about the significance of DRR activities, to improve the DRR capability in Asian countries.

### 3) Building Disaster Resilient Community - Community Involvement is a Key to Effective DRR -

Risk reduction measures are most successful and effective when they directly involve the communities most likely to be exposed to hazards. ADRC undertakes various efforts including increasing public awareness of disaster risk reduction, development and dissemination of tools for reducing vulnerability of communities.

#### (1) Development of Tsunami Awareness Educational Materials "Inamura-no-hi"

"Inamura no Hi" is a story of a man who noticed a precursor of a large tsunami at the earliest stage and led village inhabitants to a high ground by burning harvested rice sheaves based on a true story at the time of Ansei-Nankai Tsunami in Hiromura village in 1854.

ADRC developed Tsunami educational materials (Children version and Adult version) with basic knowledge of Tsunami in 9 languages for 8 Asian countries: Bangladesh (Bengal), India (Hindi and Tamil), Indonesia (Indonesian),

Malaysia (Malay), Nepal (Nepali), Singapore (English), Sri Lanka (Sinhala), Philippines (Tagalog for Children, English for Adult), using "Inamura no Hi" story, funded by the Government of Japan.

Further, the French version was developed in cooperation with UNISDR for coastal states of Africa. With utilization of the materials, it is expected to support the efforts for reducing the damage in case of future Tsunami in communities in various countries.

The materials are available at the following ADRC website. <http://www.adrc.asia/publications/inamura/top.html>

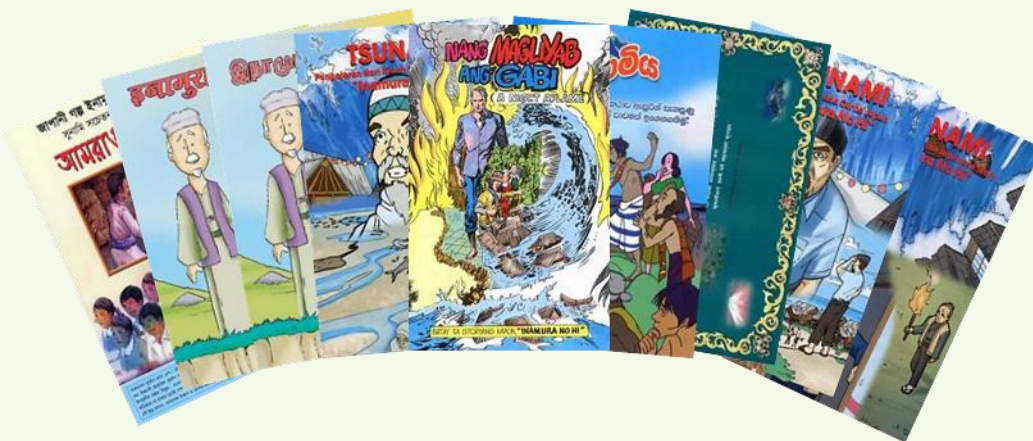


Figure 2-22 Tsunami Awareness Educational Materials "Inamura-no-hi" (Children Versions)

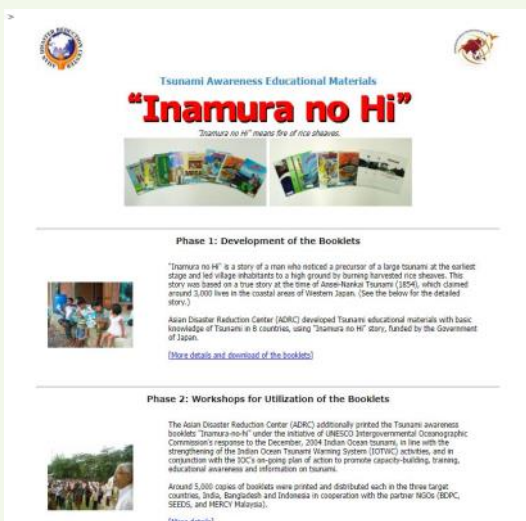


Figure 2-23 Website of "Inamura-ho-hi" Project



Figure 2-24 Dissemination of Materials in Indonesia

## (2) Town Watching for Disaster Risk Reduction

Town-Watching for DRR is a simple and practical tool for efficiently implementing community-based hazard mapping in local communities.

The major benefit of Town-Watching for DRR is that the physical involvement of participants (in such activities as walking, observing, mapping by hand, and discussing findings) enables them to better develop a concrete image of DRR activities.



Figure 2-25 DRR Town Watching Program in Sri Lanka

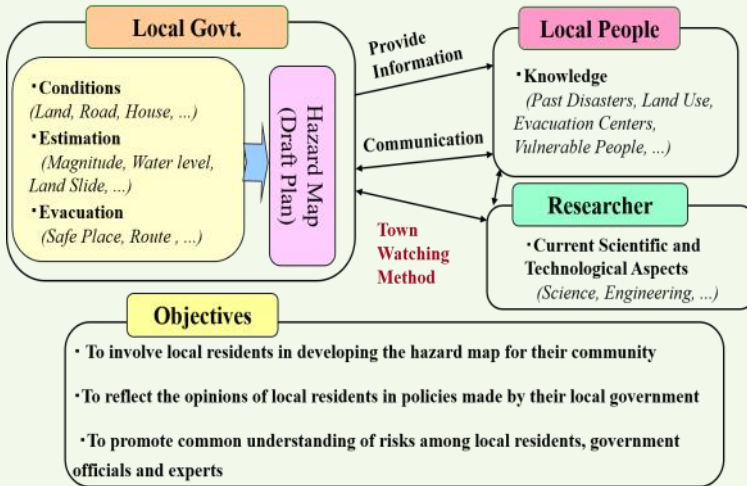


Figure 2-26 Basic Concept of Town Watching for DRR



Figure 2-27 Poster for Introducing Town Watching for DRR

### Development of Support Tool for DRR Town Watching and Utilization of its Results

(Asian Development Bank (ADB) Technical Assistant “Applying Space-Based Technology (SBT) and Internet and Communication Technology (ICT) to Strengthen Disaster Resilience,” 2015-2017)

ADRC conducted activities of the ADB Project “Applying Space-Based Technology (SBT) and Internet and Communication Technology (ICT) to Strengthen Disaster Resilience.” The project developed a system to create a basic map, hazard map and evacuation map of the community by using Open Street Map (OSM) based mobile application. In case of a disaster, the system can be used for crisis mapping and supporting emergency response activities.

The detailed information of the system can be referred at <http://www.geoinfo.ait.asia/resilience/>

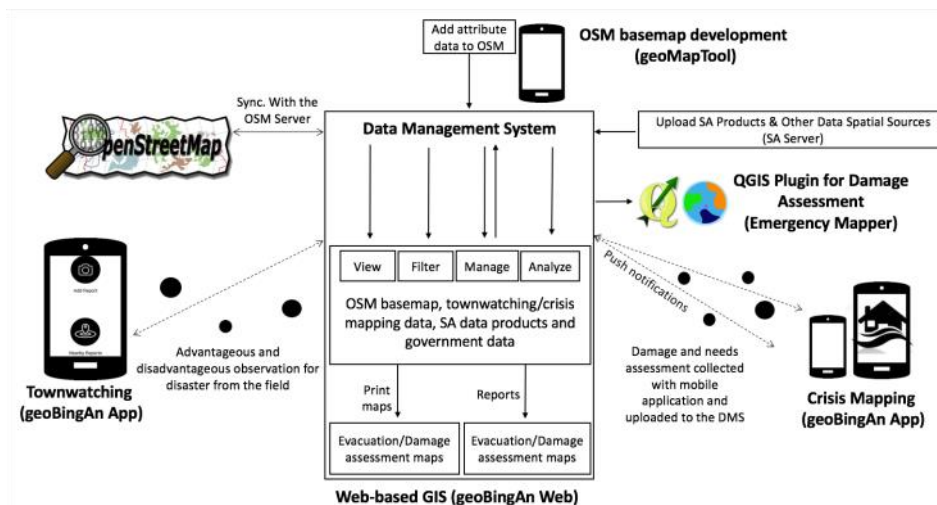


Figure 2-28 System of the Support Tool for DRR Town Watching and Others

## 4) Cooperation with Member Countries, International Organizations, and NGOs

For further enhancing the DRR capacities in Asia, ADRC has provided various projects (workshops, symposium and events) in cooperation with member countries, international organizations, and NGOs.

### (1) Cooperative Projects with Member Countries

For DRR capacity enhancement of member countries, ADRC had provided financial and technical supports to the projects implemented in the member countries and shared the

achievements and lessons learned with the target countries, as well as providing the know-how obtained through these activities to other member countries.

Table 2-10 List of Cooperative Project

Year	Country	Project Title
1999	Papua New Guinea	Public Awareness of Tsunami Disaster Reduction
2000	Cambodia	Disaster Management Training for Local Government Official
2000	Nepal	Public Awareness of Disaster Reduction for Community Leaders
2000	Indonesia	Community-based Flood Disaster Mitigation Project
2001	India	Multinational Investigation of Gujarat Earthquake
2001	Sri Lanka	Disaster Management Training for Local Government Official
2001	Philippines	Seminar on School Education Program for Disaster Reduction
2002	Bangladesh	Seminar on Improvement of Early Warning System and Responses
2002	Cambodia	Disaster Management Information System Training
2002	Laos PDR	Training Project for Local Government's Official
2003	Cambodia	Disaster Management Information System Training
2003	Philippines	Training on SUMA and Logistic Management of Humanitarian Supplies
2003	Vietnam	Seminar on Flood Disaster Management
2003	Mongolia	Vulnerability and Risk Assessment of the Possible Earthquake and Extensive Measures to Prevent Earthquake Disaster in Urban City (March 2004)
2004	Tajikistan	National workshop on Disaster Risk Management
2004	Vietnam	Training Course on Flood Hazard Mapping
2005	Kyrgyz	Development and Dissemination of Information and Education/Training Materials for Disaster Reduction
2005	Sri Lanka	Community Disaster Reduction Workshop
2005	China	Investigation on Controls of Natural Disasters and Disaster Reduction
2006	Armenia	Knowledge, Education and Training for Earthquake Disaster Awareness and Preparedness Raising in Public School in Synunik Marz (Prefecture) of Armenia
2006	Philippine	Development of a Web-base, GLIDE Associated National Disaster Event Database (CALAMIDAT.PH)
2006	Indonesia	Project to Enhance Disaster Reduction Systems at Communities
2007	Mongolia	Development of a Web-base, GLIDE Associated National Disaster Event Database
2007	Thailand	Tsunami Warning System Reinforcement Project
2007	Tajikistan	Drafting of Disaster Risk Map
2008	Armenia	Towards the Safer Communities through Education and Training in Disaster-Prone Mountain Areas
2008	Philippine	Strengthening Disaster Reduction and Preparedness in the Upland Agriculture Areas of the Philippines for Sustainable Development
2008	Sri Lanka	Pilot Project for Community Centered Early Warning Capability for Landslides
2010	Indonesia	Enhancing Media Contribution to DRR: Learning from Japan's Experience
2010	Mongolia	Transferring earthquake preparedness of Japan and conducting drills
2011	Tajikistan	Landslide Disaster Risk Assessment Project
2012	Armenia	Education and Training on Seismic Protection in the Cities of Yerevan and Gyumri
2012	Tajikistan	Disaster Risk Assessment in Rudaki district of Tajikistan
2013	Maldives	Developing a National Framework on Managing Internally Displaced Persons during Emergency
2013	Armenia	Improving the Earthquake Safety of Nursing Homes and Orphanages in the Capital City of Yerevan and the District of Ararat in Armenia
2014	Bhutan	Integrating Cultural Heritage and Disaster Risk Reduction / Disaster Preparedness and Sensitization Training program on Dzong (Fortress) Safety at Dagana, Bhutan
2014	Armenia	Improving the Earthquake Safety of Nursing Homes and Orphanages in the Northern Region of Armenia
2015	Philippine	Nationwide Promotion of Sendai Framework for Disaster Risk Reduction in the Philippines





Figure 2-29 Activities of the Cooperative Projects (Upper-left Project in Cambodia, 2002/ Upper-right Project in Kyrgyz, 2005/ Lower-left Project in Mongolia, 2010, Lower-right Project in Bhutan, 2014)

**(2) ADRC Peer Review Project**

ADRC has launched the "ADRC Peer Review" Project from FY2009 for further supporting the efforts for the DRR capacity enhancement and promoting information sharing

and strengthening the relations among member countries. The policy reviews were conducted based on the proposed specific themes by the reviewer team composed of experts of the targeted themes, experts from other Member Countries, and ADRC researchers.

Table 2-11 List of the Peer Review Projects

Year	Country	Review Themes
2009	Thailand	Disaster risk education and raising public awareness
2009	Bhutan	Disaster risk education and raising public awareness
2010	Bangladesh	Cyclone preparedness
2010	Mongolia	Awareness raising and capacity development for earthquake disasters
2011	Tajikistan	Risk Assessment for Landslide Disasters
2012	Armenia	Activity of the Disaster Prevention Education
2012	Tajikistan	Activity of the Disaster Risk Assessment
2013	Maldives	Activity of the management of Internally Displaced Persons (IDP)
2013	Armenia	Activity of the Disaster Risk Reduction on nursing homes and orphanages
2014	Bhutan	Activity of the Disaster Risk Reduction on Dzong (Fortress) and relevant organizations
2014	Armenia	Activity of the Disaster Risk Reduction on nursing homes and orphanages
2015	Philippines	Nationwide Promotion of Sendai Framework for Disaster Risk Reduction



Figure 2-30 Concept of Peer Review



Figure 2-31 Interview Survey in the Peer Review Projects

### (3) Support for DRR Measures in Member Countries

In order to effectively reduce the disaster damages, it is essential to enhance the capacity of communities and residents exposed to disasters, and hence this is included in the targets of the HFA and SFDRR. The frameworks specify the preparation of disaster risk reduction strategies to be promoted by each county as a preferential item toward the achievement of objectives. In assisting member countries' decision-making in DRR strategies, ADRC is engaged in the following activities in responding their requests.

#### ○ Collaboration with the Japan International Cooperation Agency (JICA)

In order to further promote our collaboration with member countries and contribute to their efforts for intensive activities, ADRC have been cooperating and participating extensively in the projects implemented by the JICA, in which we are playing a central role particularly in the field of disaster reduction at the community-level.

#### <Sri Lanka>

**Project Title:** Comprehensive Study on Disaster Management in Sri Lanka

**Period:** October 2006-March 2009

**Major Activities:** Subjects of investigation consist of the "Countermeasures against floods", "Early warning and evacuation program", "Disaster risk reduction (DRR) at communities" and "Capacity enhancement". ADRC provided supports focusing on the enhancement of capacities of agencies related to DRR and communities.



Disaster Mitigation Project Activities at the Pilot Community

#### <Indonesia>

**Project Title:** The Study on Natural Disaster Management in Indonesia

**Period:** March 2007-March 2009

**Major Activities:** Support for producing a presidential order and a governmental order which include the system design of new DRR law and rules of emergency supports concerning disaster reduction being prepared according to the new DRR law established in April 2007. Enhancement of natural disaster control capacities at levels of central and local governments, promotion of streamlining of organizations and systems, and support for determination of DRR programs as well as reduction of damages by natural disasters by enhancing the DRR capacity of communities.



Community Evacuation Drill

#### <Thailand>

**Project Title:** Thailand disaster reduction system reinforcement project

**Period:** 2006-2008

**Major Activities:** ADRC supported the project activities as a member of the in-the-country support committee.



White Paper of Disaster Management in Thailand

#### <Kazakhstan>

**Project Title:** Investigation on the program for earthquake disaster reduction measures at Almaty, Kazakhstan

**Period:** 2007-2008

**Major Activities:** ADRC supported the project activities as a member of the in-the-country support committee.

#### <Indonesia>

**Project Title:** Project for Enhancement of the Disaster Management Capacity of BNPB and BPBD

**Period:** November 2011 – December 2015

**Major Activities:** Aiming at enhancing the disaster management capacities of BNPB (National Agency for Disaster Management), the provincial BPBDs (the Regional Agencies for Disaster Management), and the regency/municipality BPBDs in the pilot area, the activities for achieving the following four outputs were conducted. ADRC engaged in the activities of the Output 1 and the Output 4.

[Output 1]: Improvement of the capacity for the regency/municipality BPBDs to accumulate disaster data/information that is fundamental for disaster risk management and improvement of the accuracy of such data/information.

[Output 2]: Creation of Hazard and Risk Maps at the regency/municipality level in the pilot area.

[Output 3]: Formulation of Regional Disaster Management Plans for regency/ municipalities in the pilot area.

[Output 4]: Disaster Management Drills are to be conducted in the pilot provinces as well as in regencies/municipalities in the pilot provinces



Workshop on Management of Disaster Data/Information



Comprehensive Disaster Management Drill in Community

**<Mongolia>**

**Project Title:** The Project for Strengthening the Capacity of Seismic Disaster Risk Management in Ulaanbaatar City, Mongolia

**Period:** February 2012 - October 2013

**Major Activities:** For strengthening the capacity for seismic disaster risk management in UB City and transferring relevant skills and technologies to personnel concerned with the Project, the following activities were conducted. ADRC was the leader of the project implementation and made overall coordination.

- 1) Formulation of integrated seismic risk map for UB
- 2) Revision of regional seismic disaster risk management plan
- 3) Preparation of the draft construction guideline for middle-high storied building considering seismic disaster risk resilient urban development
- 4) Capacity development of the relevant authorities and citizens in seismic disaster risk management



Earthquake DRR Awareness Campaign  
(DRR and Sports Festival, Poster Contest)

**<Philippines>**

**Project Title:** The Disaster Risk Reduction and Management Capacity Enhancement Project

**Period:** March 2012 – February 2015


**Major Activities:** In order to strengthen capacities of Disaster Risk Reduction and Management of the Office of Civil Defense (OCD), the activities for achieving the following four outputs were conducted. ADRC provided supports focusing on the activities of the Output 3.

[Output 1]: Planning and implementing capacity of OCD on DRRM is strengthened.


[Output 2]: DRRM activities including information management are standardized.

[Output 3]: DRRM education and training system and capacity is strengthened.

[Output 4]: Support system to Community Based Disaster Risk Reduction and Management (CBDRRM) is strengthened.



Capacity Enhancement Training for OCD Staff Members



Developed DRRM Education and Training Plans

**<Nepal>**


**Project Title:** The Project on Rehabilitation and Recovery from Nepal Earthquake

**Period:** July 2015 – March 2019

**Major Activities:** To comprehensively support the process of early rehabilitation and reconstruction of the affected areas and the formulation of a disaster resilient nation and society by referring to the experience and lessons learnt of the disasters and reconstruction in Japan, the investigation activities for the following outputs were conducted.

- 1) Formulation of national level and district level plans
- 2) Promotion and dissemination of seismic resistant buildings and structures
- 3) Formulation of prioritized reconstruction project (Program grant aid)
- 4) Formulation and implementation of Quick Impact Projects (QIPs)

ADRC dispatched the experts on “Community Based Disaster Risk Management (CBDRM)” to conduct the CBDRM workshops for Disaster Risk Reduction (DRR) awareness and establishment of Early Warning Systems (EWS) at areas of high risk of landslide.



Community Workshop on Landslide DRR

**<Nepal>**

**Project Title:** The Project for Assessment of Earthquake Disaster Risk for the Kathmandu Valley

**Period:** April 2015 –April 2018


**Major Activities:** For implementing the earthquake risk assessment for future scenario earthquakes with considering the earthquake environment after the Gorkha Earthquake, and developing the DM plan for concrete and effective promotion on disaster risk management for future earthquakes, the activities for achieving the following four concrete outputs were conducted. ADRC engaged in the activities of the Output 4.

[Output 1]: To conduct seismic hazard analysis based on scenario earthquakes utilizing the latest knowledge and create detailed ground model for Kathmandu Valley.

[Output 2]: To conduct seismic risk assessment based on the results of seismic hazard analysis (Output1), and summarize as damage estimation by considering several occurrence scenes (time, date, season, etc.)

[Output 3]: To enhance skills for updating risk assessment results in accordance with the social environment change in the future.

[Output 4]: To formulate BBB recovery and reconstruction plan utilizing the results of hazard analysis, and disaster management plan based on the results of seismic risk assessment for the pilot municipalities.



Developed DRR Carte for Community

## &lt;Mongolia&gt;

Project Title:	Data Collection Survey of Disaster Protection and Prevention in Mongolia
Period:	February – November 2016
Major Activities:	For formulating support strategy of JICA to Mongolia in line with the global movement based on the Sendai Framework for DRR and serving the consideration of the next project, the investigation activities to review current situation and issues for earthquake disaster risk reduction measures in Mongolia and to reexamine the request from the government of Mongolia were conducted. ADRC dispatched the expert on “DRR Education” in this survey to review and analyze current situation and issues to be addressed in the field of DRR education in Mongolia.

## &lt;Mongolia&gt;

Project Title:	Project for Strengthening the National Capacity of Earthquake Disaster Protection and Prevention in Mongolia
Period:	November 2016 – April 2020
Major Activities:	For enhancing the capacity of the National Emergency Management Agency (NEMA) through strengthening the countermeasures for seismic risk, the activities for achieving the following four concrete outputs were conducted. ADRC has been engaged in the Output 3 activities. Output 1: Capacity for data collection on disaster risk reduction and coordination among related organizations is enhanced. Output 2: Capacity of public administration officer related to the seismic assessment and seismic strengthening of buildings is enhanced. Output 3: Plans on disaster risk reduction education and awareness raising activities are developed and realized.



Trial DRR Lessons in Pre-School and Schools in Mongolia

### o Projects related to Indonesia Off-Sumatra Island Earthquake and Tsunami

#### <Questionnaire survey on Tsunami Awareness (2005)>

Massive earthquake of the magnitude at 9.0 with the epicenter located off Sumatra Island, Indonesia and the accompanying great Tsunami caused record-breaking damages to coastal countries of Indian Ocean in December 2004. Lack of the knowledge on Tsunami of the residents was pointed out as one of the reasons for the devastating damage in the affected countries.

To figure out the specific situation on Tsunami awareness, ADRC conducted questionnaire survey for residents, school teachers and students, and administrative officers in Sri Lanka, Maldives, and Indonesia by the Special Coordination Funds for Promoting Science and Technology of the Ministry of Education, Culture, Sports, Science and Technology (MECSST), Japan and under the survey project by UNDP.

#### <Participation in the National Assessment Mission and International Conferences for the Establishment of Tsunami Early Warning System>

To figure out requirements and needs for an effective Tsunami early warning and mitigation system in Indian Ocean rim region, ADRC participated in the assessment mission conducted by the Intergovernmental Oceanographic Commission of UNESCO (UNESCO/IOC).

- Mission Members: UNESCO/IOC, UNISDR, WMO, ADRC or United States
- Target Countries: Sri Lanka Myanmar, Pakistan, Thailand, Bangladesh, Malaysia, Indonesia and Maldives
- Period: May-September 2005

Further, ADRC participated in the inter-governmental meetings and International coordination meetings organized by UNESCO/IOC for proposing recommendations on the Tsunami early warning system.



Figure 2-33 Survey Mission in Bangladesh (left) and Indonesia (right)

#### <Promotion of School DRR Education and Community-based DRR Program>

ADRC promoted school DRR education and conducted the activities to enhance community DRR capacity based on the result of awareness survey implemented by ADRC at disaster-stricken member countries and lessons learned from the Sumatra Earthquake and Indian Ocean Tsunami.

#### <Disaster Risk Reduction Education Activities>

- Target Countries: Thailand, Indonesia and Sri Lanka
- Period: April 2006-March 2008
- Supporting body: UNESCO (Thailand), Ministry of Education, Culture, Sports, Science and Technology of Japan (Indonesia), US Agency for International Development
- Activities: Development of DRR teaching materials for students, development and printing of instruction guidelines for teachers, implementation of workshop and pilot lessons, implementation of seminar for teachers

#### <Community Disaster Reduction Program>

- Target Country: Sri Lanka
- Period: April 2006-March 2007
- Supporting body: Ministry of Foreign Affairs, Japan
- Contents: Implementation of workshops on the development of community-based hazard map at about 100 pilot areas



Figure 2-32 Interview Survey in Indonesia (left) and Sri Lanka (right)



Figure 2-34 School DRR Education and Community-based DRR Program (from above, School DRR Education Activities in Thailand, School DRR Education Activities in Indonesia, School DRR Education Activities in Sri Lanka, and Community-based DRR Program in Sri Lanka)

**Dissemination of Lessons Learnt from the Great East Japan Earthquake by the World Bank**

In the knowledge sharing project sponsored by the Government of Japan and the World Bank to provides just-in-time good practice examples and lessons learned from the Great East Japan Earthquake, ADRC developed knowledge notes on DRM plan, DRR education, BCP, and evacuation for the material.

**Projects related to the Great East Japan Earthquake**

To provide valuable advice to Japanese experts working on recovery and reconstruction in Japan, based on experiences gained during other large-scale disasters around the world and to identify the hard-learned lessons from this painful disaster experience in Japan so that they can be put to use in DRR efforts in other countries, ADRC conducted field survey and the following expert group meetings.

- The 1st Expert Group Meeting “Toward Creative Reconstruction from the Great East Japan Earthquake” (29-31 May 2011)
- The 2nd Expert Group Meeting “Toward Creative Learning from the Mega-Tsunami Disaster” (16-18 December 2011)
- The 3rd Expert Group Meeting “Applying Lessons on Recovery from Mega Disasters to Reduce the Impacts of Future Disasters” (3-4 July 2012)
- The 4th Expert Group Meeting “Resilient Recovery in Cities and Municipalities: Lessons on Integrating Disaster Risk Reduction into Recovery and Development Planning - Tohoku and Global Experiences and the Post 2015 Framework for DRR” (21 January 2013)



Figure 2-35 Field Survey in the Tsunami Affected Areas



Figure 2-36 The First Expert Group Meeting

**Dissemination of Information on DRR Efforts in Japan to the World**

For introducing the DRR efforts in Japan to Asian countries, "White Paper on Disaster Management 2015" was translated in English and disseminated. Further, the workshop to discuss the development of white paper on disaster management as the regular system to report the disaster management policy was conducted to contribute to promoting DRR activities in Asia.



Figure 2-37 Workshop on the Development of White Paper on Disaster Management

o **DRR Project in ASEAN Member States**

ADRC has implemented a DRR project consisting of the following four components for the South East Asian countries of ASEAN utilizing the Japan-ASEAN Integration Fund (JAIF) since 2008.

- Promotion of disaster reduction education at schools  
<Main Activities>: Development of teaching materials, Teachers training
- Disaster reduction training for local administration officials  
<Main Activities>: Development of DRR training materials, Trainer's Training, Workshop for local administration officials
- Utilization of the Advanced Land Observing Satellite (ALOS) data for disaster reduction  
<Main Activities>: Needs Survey for utilization of satellite data, technical training for utilization of satellite data
- Consolidation of the Global unique disaster IDentifier Number (GLIDE)  
<Main Activities> Operator Training for Disaster Database utilizing the GLIDE



Figure 2-38 Activities of the ASEAN JAIF Project (from top, School DRR Education, Local Officer DRR Training, Utilization of Satellite Data for DRR, and Disaster Database Improvement)

o **DRR Project with SAARC**

ADRC conducted a two-year project by the support of the Japan-SAARC Special Fund in the fiscal year 2007 and 2008, for enhancing the regional cooperation for disaster risk reduction in the SAARC.

Under the project, a Japan-SAARC Symposium on the Framework for Regional Cooperation for DRR and Training Programs on the Community-based Hazard Map Development utilizing Digital Data were conducted.



Figure 2-39 Training Program for Community-based Hazard Mapping

o **Earthquake Risk Reduction and Recovery Preparedness Programme in South Asian Countries**

The UNDP conducted the Earthquake Risk Reduction and Recovery Preparedness Programme (ERRP) with funding from the Japanese government's Grant Aid for Disaster Prevention and Reconstruction for South Asian countries, such as India, Nepal, Pakistan, Bangladesh and Bhutan for two years from May 2008.

ADRC provided assistance to the implementation of the project by dispatching the Japanese experts with sufficient knowledge and expertise on earthquake disaster risk reduction.



Figure 2-40 Pull-Down Test for Seismic Resistance of Building

**o Activities in the APEC Emergency Preparedness Working Group (EPWG)**

APEC forms Emergency Preparedness Working Group (EPWG) for enhancing DRR capacities in the region and promoting cooperation for DRR in the region and has convened WG meetings once or twice in a year. ADRC took a role as a co-chair of the WG from 2014 to 2017. Also, ADRC implemented and/or coordinated some projects conducted under the WG activities or the collaboration activities, such as the following.

- Survey on the BCP Status of the Private Sector in the APEC Region (2011)
- Survey on the BCP Status of the SMEs (Small and Medium Sized Enterprises) in the Asia-Pacific Region (2012)
- Development of Business Continuity Management Booklet for SMEs (2012)
- Side Event of "Promotion of DRR Initiatives in Private Sector and Strengthening Public-Private Partnership for Local Resilience Building" in the 6thAMCDRR and 3rd WCDRR (2014, 2015)
- Workshop on Tsunami Disaster Reduction (2016, Peru)
- Enhancing Rural Disaster Resilience through Effective Infrastructure Investment -Build Back Better of infrastructure supporting industries in region- (2017, Vietnam)



Figure 2-41 Discussion in the Side Event of "Promotion of DRR Initiatives in Private Sector and Strengthening Public-Private Partnership for Local Resilience Building" in the 3rd WCDRR

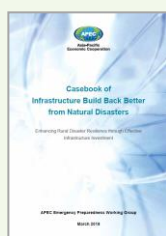


Figure 2-42 (left) Guidebook on BCP of the SMEs/ (right) Casebook of Infrastructure Build Back Better from Natural Disasters

**o Promotion of Regional Cooperation for DRR in Central Asia**

Recognizing the importance of regional cooperation for the effective disaster countermeasures for frequent natural disasters, such as flood, landslide, and earthquake, the countries in the central Asia have discussed for establishing a center for the regional cooperation for DRR. As a result, Centre for Emergency Situations and Disaster Risk Reduction (CESDRR) in Almaty was established in 2016 in Kazakhstan.

ADRC had supported the initiatives in various manner since the beginning of discussion, and provided technical assistance to the training program conducted in cooperation with the Center under the UNDP project in 2018.

**o Participation in the "Science and Technology Research Partnership for Sustainable Development (SATREPS)" Program**

ADRC participated in some projects under the "Science and Technology Research Partnership for Sustainable Development (SATREPS)" supported jointly by JST (Japan Science and Technology Agency) and JICA (Japan International Cooperation Agency) for leading to the development of know-how and technology for building disaster resilient societies.

(1) JST-JICA Project "Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia"

ADRC members involved in the activities of development of effective disaster education program at school and effective disaster awareness raising program and collaborations with local governments and teachers in the Group 5: Education and outreach for disaster reduction.

(2) SATREPS Chile Project -Research Project on Enhancement of Technology to Develop Tsunami-Resilient Community-

ADRC members involved in the activities of development of Tsunami hazard map and study for resident's disaster awareness through questionnaire survey in the Group 4: Design of a Program to create well prepared and resilient communities.



Figure 2-43 DRR Education Program at elementary school in Banda Aceh



Figure 2-44 DRR Workshop in Talcahuano

**o Support activities to the Asian Disaster Reduction and Response Network (ADRRN)**

Asian Disaster Reduction and Response Network (ADRRN) was formed in 2002 under the agreement concluded in the Regional Workshop on Networking and Collaboration among Non-Governmental Organizations of Asian Countries in Disaster Reduction and Response conducted by ADRC and OCHA.

Since then ADRC has supported the effort to improve networking among Asian NGOs which play an important role in disaster risk reduction and response.

#### (4) Disaster Damage Surveys in Asia

When large scale natural disasters occur in the member countries or other, ADRC dispatches researchers to the sites based on the request from the member country or other, and investigates damages.

During the investigation, ADRC utilizes the network of human resources, in cooperation with related agencies, tries to grasp situations at the stricken areas immediately after the incident and needs of victims in order to produce restoration and recovery plans. Moreover, we present information based on the findings from the investigation to related agencies and, if there is a request from the authority of the disaster-stricken country, cooperate with the central and local governments as well as regional communities by implementing seminars related to the disaster reduction.

##### Field Survey at Regions Stricken by Western India Earthquake

Outline of Disaster	Earthquake (Magnitude 7.7)
Date of Disaster	26 Jan. 26 (8:46 am)
Investigation Period	4-8 June 2001 (Multi-national Survey Team of Member Countries)
Outline of Damages	Dead : approx. 20,000 Totally Destroyed Houses : 300,000



##### Field Survey of Tsunami Disaster in Indonesia Off-Sumatra Island Earthquake

Outline of Disaster	Earthquake (Magnitude 9.1) and Tsunami
Date of Disaster	26 Dec. 2004
Investigation Period	28 Dec. 2004 - 5 Jan. 2005 (Sri Lanka) 30 Dec. 2004 - 2 Jan. 2005 (Thailand) 7-11 Jan. 2005 (Indonesia) 26-31 Jan. 2005 (Maldives) 2-4 Mar. 2005 (India) 8-13 Apr. 2005 (India, Multi-national survey mission)
Outline of Damages	(Total of 14 Countries) Dead : approx. 240,000 Affected People: approx. 2.5 million

(Detailed Information is in the p.53)

##### Survey of the South Asia Earthquake (Pakistan) under the UN Needs Assessment Mission

Outline of Disaster	Earthquake (Magnitude .6)
Date of Disaster	8 Oct. 2005
Investigation Period	22 Oct. - 1 Nov. 2005
Outline of Damages	Dead : 73,338 Damaged Houses: Approx. 600,000



##### Joint Investigation on Leyte Landslide by Japanese and Philippine

Outline of Disaster	Landslide
Date of Disaster	17 Feb. 2006
Investigation Period	19-28 March 2006
Outline of Damages	Dead or Missing : 1,126 Directly Affected Area : 45ha



##### Assessment Team to Java on the Central Java Earthquake (Indonesia)

Outline of Disaster	Earthquake (Magnitude 6.3)
Date of Disaster	27 May 2006
Investigation Period	30 May 30 - 4 Jun. 2006
Outline of Damages	Dead : 5,778 Totally Destroyed Houses: 205,888





### Survey on the Damage by the Tsunami at South Shore in Java Island (Java, Indonesia)

Outline of Disaster	Earthquake (Magnitude 7.7) and Tsunami
Date of Disaster	17 Jul. 2006
Investigation Period	27-30 Jul. 2006
Outline of Damages	Dead and Missing : 802 Injured : 543



### Disaster Survey on the Mudflows at Mayon Volcano in the Philippines

Outline of Disaster	Mudflows by Typhoon Durian
Date of Disaster	1 Dec. 2006
Investigation Period	15-17 Jan. 2007
Outline of Damages	Dead : 720 Totally Destroyed Houses : 214,400



### Emergency Survey of Solomon Islands Earthquake and Tsunami

Outline of Disaster	Earthquake (Magnitude 8.1), Tsunami
Date of Disaster	2 Apr. 2007
Investigation Period	11-22 Apr. 2007
Outline of Damages	Dead : 52 Affected Families: 475 families



### Field Survey of Cyclone Damages, Bangladesh

Outline of Disaster	Cyclone (lowest pressure 944hPa)
Date of Disaster	15 Nov. 2007
Investigation Period	27 Nov.– 3 Dec. 2007
Outline of Damages	Dead : 3,406 Totally Destroyed Houses: 56,000



### Field Survey of Damages by China Great Sichuan Earthquake

Outline of Disaster	Earthquake (Magnitude 8.0)
Date of Disaster	12 May 2008
Investigation Period	25-30 May 2007
Outline of Damages	Dead and Missing : Approx. 87,400 Affected People: 45.61 million



### Survey of Damage of 2009 Sumatra Earthquake

Outline of Disaster	Earthquake (Magnitude 7.6)
Date of Disaster	30 Sep. 2009
Investigation Period	5-8 Oct. 2009
Outline of Damages	Dead : 1,117 Totally Destroyed Houses: Approx. 115,000



### Field Survey of Haiti Earthquake

Outline of Disaster	Earthquake (Magunitude8.0)
Date of Disaster	12 Jan. 12 2010
Investigation Period	4-14 Mar. 2010
Outline of Damages	Dead: 225,000 Totally Destroyed Houses: 105,000



### Field Survey of Tsunami Stricken Areas in Mentawai Islands (West Sumatra, Indonesia)

Outline of Disaster	Earthquake (Magunitude7.7) and Tsunami
Date of Disaster	25 Oct. 2010
Investigation Period	5-10 Nov. 2010
Outline of Damages	Dead : 427 Affected People: 11,000



### Field Survey of the Great East Japan Earthquake

Outline of Disaster	Earthquake (Magunitude9.0) and Tsunami
Date of Disaster	11 Mar. 2011
Investigation Period	21-24 Mar. 2011
Outline of Damages	Dead and Missing: 18,404 Totally Destroyed Houses: 121,776



### ADRC/IRP Dispatched Survey Team to the Typhoon-affected areas in the Philippines

Outline of Disaster	Typhon Haiyan (lowest pressure 895hPa)
Date of Disaster	8 Nov. 2013
Investigation Period	18-21 Dec. 2013
Outline of Damages	Dead: 6,300 Totally Destroyed Houses: 550,928



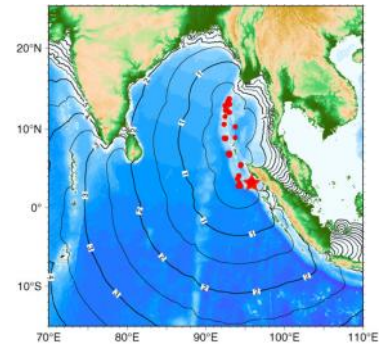
### Field Survey of Kumamoto Earthquake

Outline of Disaster	Earthquake (Magunitude6.5)
Date of Disaster	14-16 Apr. 2016
Investigation Period	18-21 May 2016 19-21 Dec. 2016 (Multi-national Survey Mission)
Outline of Damages	Dead : 267 Totally Destroyed Houses: 8,673



## Field Survey of Tsunami Disaster in the Indonesia Off-Sumatra Island Earthquake

Outline of Disaster	Earthquake (Magitude 9.1) and Tsunami
Date of Disaster	26 December 2004 00:58:50 (UTC) 07:58:49 (Indonesian Standard Time)
Outline of Damages	Total of the affected 14 countries Dead: approx. 240,000 Affected: approx. 2.5 million Damaged Houses: more than 1 million
Website	<a href="http://www.adrc.asia/publications/TS2004000147/Home.html">http://www.adrc.asia/publications/TS2004000147/Home.html</a>



Source: Geological Survey of Japan (GSJ), AIST

### Survey in Sri Lanka (28 Dec. 2004—5 Jan. 2005)



### Survey in India

(2-4 March 2005)



### Survey in Thailand (30 Dec. 2004—2 Jan. 2005)



### Survey in Indonesia (7-11 Jan. 2005)



### Multi-national Mission in India (8-13 April 2005)



### Survey in Maldives (26-31 Jan. 2005)



## (5) Support for the International Recovery Platform (IRP)



Figure 2-45 Opening Ceremony of the IRP

### o Establishment of the IRP and its Background

While UN system capacities for disaster response and humanitarian assistance are widely recognized as well developed, there is currently a vacuum in terms of capacities and accepted system wide mechanisms for post-disaster recovery, particularly those with a risk reduction focus.

Experience increasingly affirms that the post-disaster recovery phase provide a critical opportunity to shift the focus from saving lives to restoring livelihoods, and a time to introduce measures to reduce future disaster risk. Recovery can help close the gap between relief and development and transform disasters into opportunities for sustainable development. This occurs when efforts are made to support local and national recovery processes at an early stage, when risk reduction considerations are factored into all recovery activities, and when the synergies between development, humanitarian and other actors involved in the response phases are properly channeled. A successful recovery effort, then, is predicated on having advance agreements and mechanisms in place so the recovery process is effectively conceived and managed, and is initiated in a timely manner. This includes such measures as appropriate assessment methodologies, pre-established resource mobilization mechanisms, surge capacity to support UN Country Teams and standing co-ordination mechanisms.

Shared concerns related to the UN approach and processes for post-disaster recovery have resulted in the formulation of a joint initiative, the International Recovery Platform by the UN system, ADRC and partners, with the encouragement and support of Japan and other donors, and key programme countries. This initiative was discussed during the 2nd WCDR under the thematic session 4.9 on Post Disaster Recovery. Representatives from UNDP, UN-HABITAT, ADRC, ADPC, ILO, and other concerned UN agencies expressed their respective agency commitment and support to the proposed international platform for recovery. The meeting recommended the establishment of International Recovery Platform (IRP).

Only 4 months after the WCDR, the International Seminar on Post Disaster Recovery, in support of the IRP, was held at the JICA Kansai Center in Kobe and the Hyogo House, Japan between 11-13 May 2005, and IRP has been officially launched in Kobe.

### o Governance Structure of IRP

IRP currently consists of 17 governments, UN agencies and international organizations\*<sup>1</sup> including ADRC (as of March 2018). IRP focuses on the following three functions as priority activities on recovery mainly based in Kobe, Hyogo: a) Knowledge Management and Advocacy, b) Capacity Building on Disaster Recovery, and c) Support Activities after Large-scale Disasters.

Based on the agreement by the member at the establishment, Secretariat Office of the IRP is located in Hyogo, Japan and is responsible for organizing the IRP steering committee meetings to give advices and guidance as well as disseminating IRP activities and outcomes.

\*IRP members: Government of Japan (Cabinet Office), Hyogo Prefectural Government, Asian Disaster Reduction Center (ADRC), Ministry of Foreign Affairs of Italy, Swiss Agency for Development and Coordination (SDC), United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP), United Nations Secretariat of the International Strategy for Disaster Reduction (UNISDR), United Nations Human Settlements Programme (UN-HABITAT), International Labour Organization (ILO), The World Bank (WB), World Health Organization (WHO), Asian Development Bank (ADB), United Nations Centre for Regional Development (UNCRD), United Nations Office for Project Services (UNOPS), CEPREDENAC (Central American Integration System for natural disaster prevention, mitigation and response), and United Nations Educational, Scientific and Cultural Organization (UNESCO)



Figure 2-46 Establishment of the IRP



Figure 2-47 IRP Website (www.recoveryplatform.org)

### 3. Annexes

**20TH  
ANNIVERSARY**

---

---





## 3. Annexes

### Annex 1: Articles of the Asian Disaster Reduction Center

#### Articles of the Asian Disaster Reduction Center

The following articles stipulate fundamental principles regarding the organizational modality and operation of the Asian Disaster Reduction Center – hereinafter referred to as the “ADRC,” which was established on July 30 1998 in order to facilitate disaster reduction efforts in Asia through multilateral cooperation for disaster reduction such as information sharing. ADRC was launched based on the agreement among Asian countries of the establishment of a center to serve as a secretariat of a “system which has the functions of a disaster-reduction center for the Asian region” in the Asian Disaster-reduction Cooperation Promotion Meeting held on 16 and 17 June 1997.

#### *(Objectives)*

##### **Article 1**

ADRC’s objectives shall be to strengthen the disaster reduction capacity of member countries, develop a society where human beings can lead a safer and more comfortable life, and help create a society capable of sustainable development, by means of formulating and implementing a network for multilateral disaster reduction activities including the exchange of government officials, experts and concerned bodies on disaster reduction in Asia.

#### *(Activities)*

##### **Article 2**

In order to achieve the objectives stipulated in the preceding article, ADRC shall conduct the following activities:

- (1) Accumulation and dissemination of information on natural disasters and disaster reduction
- (2) Studies on the promotion of cooperation of disaster reduction
- (3) Gathering of information on emergency relief during times of disaster
- (4) Dissemination of knowledge and raising of awareness of disaster reduction in Asia
- (5) Other programs dealing with disaster-reduction in Asia

An informative document describing the outlines of activities stipulated above will be circulated to member countries, advisor countries and observers.

#### *(Expenses)*

##### **Article 3**

Member countries shall bear the expenses of ADRC’s basic activities. The amount to be borne by each member country shall consist of basic charge and surcharge calculated according to each country’s economic strength. Each member country may also make additional voluntary contributions to promote ADRC’s activities.

2. The method of calculating the amount of expenses to be borne by each country shall be decided separately. The amount of expenses to be borne by each country shall be recalculated every five years.

3. ADRC may accept other contributions and specific funds besides those of member countries, and conduct research activities on disaster-related issues in order to reinforce ADRC’s capabilities.

#### *(Accounting)*

##### **Article 4**

ADRC’s fiscal year shall begin on 1 April of each year and end on 31 March of the following year.

2. ADRC shall inform the annual plan of activities and report the settlement statements of the previous fiscal year to member countries.

#### *(Member Countries)*

##### **Article 5**

Member countries shall mean countries in Asia who wish to participate in the ADRC’s activities.

2. An application for becoming a member country of ADRC shall be approved by at least two-thirds of the existing member countries.

3. Member countries shall be encouraged to collect and disseminate disaster information, disaster reduction information, and other related experiences and expertise and to share these resources among other member countries and ADRC by means of dispatching of experts and other methods.

***(Advisor Countries)*****Article 6**

Advisor countries shall mean countries outside Asia who wish to participate in the activities of ADRC.

2. An application for becoming an advisor country of ADRC shall be approved by at least two-thirds of the existing member countries.
3. Advisor countries shall offer their own expertise, experiences and other resources in order to support ADRC's activities. This could include provision of their own expertise and experiences by means of dispatching experts to member countries & ADRC, and financial contributions.
4. Advisor countries could participate as advisors in the Steering Committee stipulated in the Article 8. They could make suggestions in the Steering Committee for ADRC to effectively achieve ADRC's objectives stipulated in the Article 1.

***(Observers)*****Article 7**

Observers shall mean relevant regional organizations and other entities in Asia willing to cooperate in ADRC's activities.

2. An application for becoming an observer of ADRC shall be approved by at least two-thirds of the existing member countries.
3. Observers shall offer their own expertise, experiences and other resources in order to support ADRC's activities.

***(Steering Committee)*****Article 8**

A Steering Committee consisting of member countries shall be held annually. In addition, the Steering Committee can be convened when necessary. Japan shall chair the Steering Committee.

2. In addition to matters separately stipulated in other articles, the Steering Committee shall discuss basic issues regarding the operation of ADRC such as securing relevant resources.
3. The resolutions of the Steering Committee shall be decided, in principle, by a majority vote.

***(Organization)*****Article 9**

ADRC's office shall be located in Kobe, Hyogo Prefecture, Japan.

2. The ADRC chairman shall be nominated by the chair of the Steering Committee and shall be approved by the Steering Committee. The terms of office for the chairman shall be five years. Chairman can be reappointed to subsequent terms.
3. The ADRC chairman shall represent ADRC and administrate the operation of ADRC.
4. The ADRC chairman shall appoint an executive director in consultation with the chair of the Steering Committee.
5. The ADRC chairman shall appoint researchers and administrative staff of ADRC in consultation with the executive director.
6. The executive director shall assist the chairman and, in the event that the chairman is incapacitated or absent, execute the duties of the chairman.
7. Member countries may send visiting researchers to ADRC. ADRC shall bear the living expense within a certain limitation during their stay in Japan.
8. In addition to matters stipulated in the preceding provision, ADRC shall be able to accept secondment of experts on disaster reduction as researchers.

***(Amendments to the Articles)*****Article 10**

These articles may be amended with the approval of at least two-thirds of the existing member countries.

**Additional Provisions****(Date of enforcement, etc.)**

These articles shall take effect on 16 January, 2003.



## Annex 2: List of Main Activities (1998-2017)

30 Jul. 1998	Opening ceremony of ADRC at IHD Center Bldg. Attended by approx. 150 individuals
1 Sep. 1998	Launched worldwide disaster information bulletin
Oct. 1998-Mar. 1999	Visited member countries (Republic of Korea, the Philippines, Malaysia, Singapore, Bangladesh, Vietnam, Thailand, Russia, Indonesia, Papua New Guinea and China)
7 Nov. 1998	Visited by Bangladeshi Minister of Foreign Affairs, Mr. Abdus Samad Azad
9-13 Nov. 1998	Participated in a WHO international workshop for intensified emergency response, in the Western Pacific Region (Manila, the Philippines)
1 Dec. 1998	Launched a database of disaster reduction and human resources <Approx. 1,400 experts from 51 countries were registered>
15 Feb. 1999	ADRC International Symposium at Hyogo House <Attended by approx. 250 representatives, from 21 countries>
16-18 Feb. 1999	Held the ADRC International Meeting at IHD Center Bldg., Kobe, Japan <Attended by approx. 30 representatives from 21 countries and 1 organization>
23-26 Feb. 1999	Attended the ESCAP-IDNDR Regional Meeting for Asia (Bangkok, Thailand)
18 Mar. 1999	Visited by the Director of the IDNDR Secretariat, Mr. Philippe L Boulle
May-Jul. 1999	Databases of Hanshin-Awaji Earthquake, and comprehensive information on disaster reduction by countries (including trainings, disaster management systems) were made available on the Internet
5-9 Jul. 1999	Participated in the IDNDR Programme Forum (Geneva, Switzerland) <Introductory presentation on ADRC's establishment and activities as Success Stories, and coordination of a session on "Information Technology for Assessment and Simulation Capacities">
12-16 Jul. 1999	Visit to Advisor Countries (Switzerland and France), UN/OCHA, IDNDR Secretariat (Geneva, Switzerland), Center for Research on the Epidemiology of Disasters (CRED)
23 Jul. 1999	Launched a visiting researcher invitation program from member countries <Republic of Korea, Vietnam, Nepal and Indonesia>
23 Sep. 1999	Launched a joint project with the government of Papua New Guinea <To raise Tsunami risk awareness>
29 Sep.– 4 Oct. 1999	Participated in a relief team sent to Taiwan after the Sep. 1999 earthquake
5 Nov. 1999	Exchanged a Memorandum of Understanding on disaster information collection with CRED
6-7 Dec. 1999	The 2nd ADRC International Meeting at IHD Center Bldg. Kobe, Japan <Attended by approx. 36 representatives from 24 countries and 4 organizations >
13 Jan. 2000	Participated in the WB meeting (Paris, France)
7 Feb. 2000	Inaugural ceremony for the Asian Disaster Response Unit of UN/OCHA
26-29 Apr. 2000	Participated in the 3rd International GDIN Conference (Ankara, Turkey) <Introductory presentation on ADRC activities, and the VENTEN system>
3-4 May 2000	Visit to NSSP of the Republic of Armenia <Received the request for ADRC membership >
31 Aug. - 4 Sep. 2000	Participated in Disaster Prevention Fair 2000 (Kobe, Japan)
24-27 Oct. 2000	Participated in SAGIP 2000 (Manila, the Philippines) <Report on disaster reduction information sharing amongst ADRC member countries>
5-7 Dec. 2000	The 3rd ADRC International Meeting at IHD Center Bldg. Kobe, Japan <Attended by approx. 40 representatives from 26 countries and 6 organizations>
8 Dec. 2000	Co-hosted the Asian Regional Forum on Disaster Reduction in Tokyo with the Cabinet Office, Japan
Jan. 2001	Participated in Disaster Prevention Technology Exhibition (Kobe, Japan)
5-6 Feb. 2001	Co-hosted World Disaster Reduction Conference 2001 at Awaji Yume Butai International Hall with the Cabinet Office of Japan
20-23 Mar. 2001	Participated in GDIN 2001 (Canberra, Australia) <Report on VENTEN, and proposal of the Unique ID Project, which was agreed by the participants>
14-27 Apr. 2001	Participated in a Japanese government mission to survey earthquake damage <In Gujarat, India>
4-8 Jun. 2001	Co-organized a multinational mission (composed of ADRC member countries) with Indian government to assess earthquake damage in Gujarat, India
18-23 Jun. 2001	Participated in the international conference on disaster reduction sponsored by the WHO Western Pacific Regional Office <Launched a joint project on WHO's Health Mapper and ADRC's "VENTEN">
28-29 Jun. 2001	Participated in the APDIN Working Group Meeting (Bangkok, Thailand)
28 Jun. 2001	Exchanged a Memorandum of Understanding with ADPC (Bangkok, Thailand)
4-6 Jul. 2001	Co-organized the Consultative Meeting on Regional Cooperation in Natural Disasters with UN/OCHA Kobe (Katmandu, Nepal)
16 Aug. 2001	Opening of the UN/OCHA ReliefWeb office in Kobe
16 Aug. 2001	Visited by the UN Under-secretary General for Humanitarian Affairs and Relief Coordinator, Mr. Kenzo Oshima
27 Aug. 2001	Organized a GIS International Symposium in Kobe, Japan
28 Aug. 2001	Visited by the Philippine Chairman of the National Disaster Coordinating Council and Secretary of National Defense, Mr. Angelo T Reyes
4-5 Oct. 2001	Participated in an expert meeting for the development of ISDR global review of disaster reduction initiatives (Geneva, Switzerland)
6-20 Oct. 2001	Co-organized an urban search and rescue training in cooperation with the Singapore Civil Defence Force (Singapore)
6 Nov. 2001	Participated in the 1st International Seminar on Disaster Prevention (Seoul, Korea) <Keynote address delivered by the Deputy Executive Director, Mr. Satoru Nishikawa>
13-15 Nov. 2001	Attended the meeting of Japan-US Space, Technology and Space Applications Program (JUSTSAP) (Hawaii, USA)

27-29 Nov. 2001	Participated in the Asia Pacific High Level Regional Meeting for the World Summit on Sustainable Development (Phnom Penh, Cambodia) <Inclusion of disaster reduction as a key element of sustainable development into the Statement>
29-30 Nov. 2001	Participated in the UNESCO/WMO Typhoon Committee meeting (Hawaii, USA) <Proposal for the use of the ADRC website to provide typhoon information Motion adopted>
1-17 Dec. 2001	Co-organized a disaster reduction training program for educational officials with the Philippine Institute of Volcanology and Seismology (PHIVOLCS), UNESCO and the UNU (Manila, the Philippines)
9 Jan. 2002	Visited by the Indian Vice Chairman of the National Committee on Disaster Management, Mr. Sharad Pawar
17 Jan. 2002	Visited by the Japanese Minister of State for Disaster Management, Mr. Jin Murai
22-23 Jan. 2002	Organized the 4th ADRC International Meeting (Delhi, India), attended by 80 representatives from 22 countries and 10 organizations
24 Jan. 2002	Co-organized the ISDR Asian Meeting (Delhi, India), attended by 80 representatives from 22 countries and 10 organizations
21 Jan. –22 Feb. 2002	JICA seminar on Disaster Management <Approx. 5-week training course attended by 14 representatives from 12 countries>
5-7 Feb. 2002	Attended the OCHA Symposium on Best Practices in Humanitarian Information Management and Exchange (Geneva, Switzerland) <Report on ADRC's activities and Unique ID GLIDE Project>
14-15 Feb. 2002	Participation in the 6th Earthquake Technology Expo in Kobe, Japan
20-22 Feb. 2002	Co-organized the Regional Workshop on Networking and Collaboration among NGOs of Asian Countries in Disaster Reduction and Response with OCHA Kobe, Japan <Attended by approx. 80 representatives from NGOs in 16 countries, UN organizations, Japanese Cabinet office and Ministry of Foreign Affairs, Hyogo Prefecture> (Kobe, Japan)
21 Feb. 2002	Visited by the Director of the ISDR Secretariat, Mr. Salvano Briceno
24-28 Feb. 2002	Participated in a Japanese government mission to WTC in New York, USA
27 Feb. - 1 Mar. 2002	Participated in the International Expo in Kazakhstan <Introduction of ADRC's activities and internet disaster reduction gallery>
12-13 Mar. 2002	Attended the meeting of the Panel on Tropical Cyclones co-organized by WMO and UNESCAP (Yangon, Myanmar)
15 Mar. 2002	Joint testing of the use of satellite information for disaster management with NASDA and the Cabinet Office of Japan
25-26 Apr. 2002	Participated in the 5th Inter-Agency Task Force meeting of UNISDR as a Task Force member
20-23 May 2002	Participated in "International Emergency Response Workshop" organized by Kyrgyz Republic <Reported cases of emergency response in Asia>
27 May-8 Jun. 8 2002	Participated in "Disaster and Sustainable Development" (coordinated by UNISDR) of the final Prep-Com for the World Summit on Sustainable Development (Bali, Indonesia)
12-14 Jun. 2002	Co-organized the "Second Consultative Meeting on Total Disaster Risk Management in Asia" (with ADPC (Bangkok, Thailand))
19-21 Jun. 2002	Participated in GDIN ROMA 2002 (Rome, Italy) <Introductory presentation on the GLIDE project>
24-25 Jun., 2002	Participated in the workshop of the ISDR Working Group 2 on Early Warning (Potsdam, Germany)
7-9 Aug. 2002	Co-organized the "Regional Workshop on Total Disaster Risk Management (TDRM)" with OCHA Kobe (Kobe, Japan)
9 Aug. 2002	Published "Living With Risk- a global review of disaster reduction initiatives" jointly with the International Strategy for Disaster Reduction (UNISDR)
29 Aug.-2 Sep. 2002	Participated in Disaster Prevention Fair 2002 (organized by the Cabinet Office of Japan and Fukuoka City in Fukuoka, Japan)
Aug. 2002	Published the "Data Book on Asian Natural Disasters in the 20th Century"
13-14 Sep. 2002	Attended the "Second Humanitarian Relief Conference in Singapore" (held by the Singapore International Foundation) to deliver a keynote speech
15-17 Sep. 2002	Participated in the ASEAN Expert Group Meeting on Disaster Management (organized by ASEAN and Vietnam) as an observer <Introductory presentation on an approach to TDRM>
25-27 Sep. 2002	Participated in the "Expert Group Meeting on the Role of Regional Organizations and Networks in Strengthening Disaster Reduction Capabilities" (organized by the UNDP, Geneva)
24-25 Oct. 2002	Participated in the 6th Inter-Agency Task Force meeting of ISDR as a Task Force member
28 Oct. 2002	Participated in the "International Symposium on New Technologies for Urban Safety in Asian Mega Cities" (organized by the Asian Institute of Technology, supported by the Government of Thailand and the Cabinet Office of the Government of Japan) (Bangkok, Thailand)
29 Oct. 2002	Participated in the "Symposium on the Indian National Day for Disaster Reduction" and in the meeting of ADPC on Disaster Management as an observer (Delhi, India)
7 Nov. 2002	Participated in the "Second International Disaster Mitigation Cooperation Seminar", organized by the National Institute for Disaster Prevention (NIDP) of the Ministry of Government Administration and Home Affairs (MOGAHA) of Republic of Korea (Seoul, Korea)
15 Nov. 2002	Participated in the "UNESCAP/OOSA Workshop on the Use of Space Technology for Disaster Management" <Introductory presentation on the ADRC-NASDA joint experiment on satellite-based disaster management>
11-15 Nov. 2002	Participated in the "JUSTSAP (Japan-US Science, Technology and Space Applications Program) Workshop" <At the request for cooperation to a project of satellite-based disaster information sharing in relation to a large oil spill> (Hawaii, USA)
11-13 Nov. 2002	Participated in the "Asia-Pacific Regional Meeting of the International Search and Rescue Advisory Group (INSARAG)" (Shanghai, China)
11-22 Nov. 2002	Co-organized an urban search and rescue training with the Singapore Civil Defence Force (Singapore)
18-25 Nov. 2002	Attended the "UNESCAP/WMO Typhoon Committee Meeting" <Proposal on Internet network among committee member countries for information sharing> (Chiang Mai, Thailand)

21-23 Nov. 2002	The International Seminar on Disaster Preparedness and Mitigation 2002” co-hosted by the Government of India and UNDP India <Made a presentation on the “Risk, Vulnerability, and Hazard Analysis and Information Systems”>
24-28 Nov. 2002	Delivered a keynote speech at the “Asia & Pacific Conference of IFRC” held (Manila, the Philippines)
24-26 Nov. 2002	Participated in the “Asian Seismological Commission 2002” <Made a presentation on “Seismic Risk Analysis on the Portfolio of Building in Japan”> (Kathmandu, Nepal)
4-6 Dec. 2002	Delivered a keynote speech at the “ASEAN Regional Forum (ARF) Humanitarian Assistance and Disaster Relief Seminar” (Singapore)
19-24 Dec. 2002	Co-organized the “Seminar on the Improvement of Early Warning Systems and Responses” with the Government of Bangladesh
15-17 Jan. 2003	Co-sponsored the “Asian Conference on Disaster Reduction 2003” with the Japanese Government, the UNISDR Secretariat, and Hyogo Prefecture, attended by 250 representatives from 24 countries and 26 organizations (Kobe, Japan)
19 Jan.- 1 Mar. 2003	Hosted the “JICA seminar for Disaster Management” (Kobe, Japan)
30-31 Jan. and 6-7 Feb. 2003	Participated in the 7th Earthquake Technology Expo in Kobe and Yokohama, Japan <e.g. Joint experiment with the NASDA>
4-7 Feb. 2003	Co-organized the “Workshop on Disaster Management for the Media” with the Government of Lao PDR (Vientiane, Lao PDR)
4-10 Mar. 2003	Attended the meeting of the “WMO/UNESCAP panel on Tropical Cyclones” (Islamabad, Pakistan)
16-23 Mar. 2003	Attended the “3rd World Water Forum” and made presentations at three sessions Jointly held a session with UNISDR under the theme of “Living with Risk - towards effective disaster reduction” within the theme “Water and Poverty” coordinated by ADB
16-28 Mar. 2003	Co-organized the “United Nations Disaster Assessment and Coordination (UNDAC) Asia Induction Course” with OCHA Kobe (Kobe, Japan)
10-11 Apr. 2003	Participated in the 7th Inter-Agency Task Force meeting of the International Strategy for Disaster Reduction (ISDR) as a Task Force member (Geneva, Switzerland)
22-24 Apr. 2003	Co-organized the “Workshop on Disaster Prevention for Local Governmental Staff” with the Cambodian Government (Kampong Cham, Cambodia)
24 Apr. 2003	Visited by the Japanese Minister of State for Disaster Management, Mr. Yoshitada Konoike Opening of Human Renovation Museum
6-8 May 2003	Co-organized the “Workshop on Disaster Prevention for Local Government Staff” with the Cambodian Government (Kratie, Cambodia)
Jun. 2003	Published the “Natural Disaster Data Book 2002”
10-13 Jun. 2003	Co-organized the “Workshop on Total Disaster Risk Management (TDRM) Policy” with OCHA Kobe (Kobe, Japan)
16-25 Jun. 2003	Dispatched a survey mission to Turkey (visited disaster response organizations)
14-15 Jul. 2003	Co-organized the “GLocal unique disaster IDentifier number (GLIDE)” technical meeting with UNISDR, and OCHA ReliefWeb (Geneva, Switzerland)
4-11 Aug. 2003	Joined a survey mission to Sri Lanka
9-28 Sept. 2003	Participated in a mission to Central Asia and the Caucasus to identify the need for training in Russian (Kazakhstan, Kyrgyz and Azerbaijan)
1-9 Oct. 2003	Held a training seminar on disaster management for disaster managers in Turkey (Ankara, Turkey)
4 Oct. 2003	Co-organized the Public Forum under the theme of “Living with Risk - are we prepared for the next big one?” with UNU, the Cabinet Office of Japan, UNISDR, and WSSI (Tokyo, Japan)
16-18 Oct. 2003	Participated in the Second International Conference on Early Warning Co-organized a session on the use of hazard maps (Bonn, Germany)
20-24 Oct. 2003	Co-organized the training programme on the Supply Management System (SUMA) with the Government of the Philippines (Manila, the Philippines)
4 Nov. 2003	Exchanged a Memorandum of Understanding with UNISDR (Geneva, Switzerland)
5-6 Nov. 2003	Participated in the 8th Inter-Agency Task Force meeting of ISDR as a Task Force member (Geneva, Switzerland)
17-20 Nov. 2003	Co-organized the Flood Management Training Seminar in Vietnam with the Vietnamese Government (Hanoi, Vietnam)
2-4 Dec. 2003	Co-organized the “International Conference on Total Disaster Risk Management (TDRM)” with OCHA Kobe (Kobe, Japan)
12-14 Jan. 2004	Co-organized an urban search and rescue training program in cooperation with the Singapore Civil Defence Force (Singapore)
17 Jan. 2004	Visited by the Japanese Minister of State for Disaster Management, Mr. Kiichi Inoue
18 Jan. 18– 2 Feb. 2004	Hosted the “JICA Seminar on Disaster Management ”(Kobe, Japan)
29-30 Jan. and 5-6 Feb. 2004	Participated in the 8th Earthquake Technology Expo (Kobe, Yokohama, Japan)
4-6 Feb. 2004	Co-organized the “Asian Conference on Disaster Reduction 2004” with the Governments of Japan and Cambodia and the ISDR Secretariat, attracting an attendance of 138 representatives from 23 countries and 24 organizations (Siem Reap, Cambodia)
24-25 Feb. 2004	Co-organized a regional consultative meeting with the WHO West Pacific Regional Office and ADPC (Manila, the Philippines)
26-28 Feb. 2004	Co-organized a preparatory meeting for “Typhoon Committee Working Group on Hydrology” with UNESCAP (Seoul, Republic of Korea)
9-17 Mar. 2004	Organized a disaster management seminar in Turkey (Ankara, Turkey)

20-23 Mar. 2004	Co-organized the “Earthquake Disaster Management Seminar” with the Government of Mongolia (Ulaanbaatar, Mongolia)
23 Mar. 2004	Co-organized a public forum “Flood risk reduction” with UNU, the Cabinet Office of Japan, and UNISDR (Tokyo, Japan)
9-23 Apr. 2004	Dispatched a survey team to Bangladesh to investigate the current situation of the disaster management of the country
3 May 2004	Co-organized a technical meeting on GLIDE with UNISDR, OCHA, CRED, and WMO (Geneva, Switzerland)
4-5 May 2004	Participated in the 9th ISDR Inter-Agency Task Force meeting as a Task Force member (Geneva, Switzerland)
6-7 May 2004	Participated in the First Meeting of the Preparatory Committee for the WCDR as a Task Force member (Geneva, Switzerland)
31 May—11 Jun. 2004	Organized a disaster management seminar in Turkey (Ankara, Turkey)
17-18 Jun. 2004	Co-organized the Consultative Meeting of Asian NGOs for ADRRN with OCHA Kobe (Kuala Lumpur, Malaysia)
28 Jun.– 8 Jul 2004	Dispatched a lecturer to “Training Course on Flood Hazard Mapping” (Vietnam)
2-6 Aug. 2004	Co-organized the “National Workshop on Disaster Risk Management” with the Government of Tajikistan in cooperation with UN and the Swiss Agency for Development and Cooperation (Dushanbe, Tajikistan)
23 Aug.– 27 Sep. 2004	Dispatched an expert as “Short Term Expert on Disaster Information Management” co-organized by JICA and CDERA (Barbados, etc.)
24 Aug. 2004	Co-organized a public forum under the theme of “Recovery from Catastrophic Disasters” with the Government of Japan, UNISDR, UNU, and UNDP (Tokyo, Japan)
30 Aug. –17 Sep. 2004	Hosted the “JICA Disaster Management Training Course for Central Asia and the Caucasus in Russian” (Kobe, Japan)
20 Sep. —1 Oct. 2004	Hosted a disaster management seminar in Turkey (Ankara, Turkey)
20-24 Sep. 2004	Participated in “the Workshop of the UNESCAP/WMO Typhoon Committee” (Seoul, Republic of Korea)
26-28 Sep. 2004	Co-hosted a workshop entitled “Exchange of Experience for a Safer Life and Decrease of Vulnerability to Earthquake” with Kobe University, the Iranian Government and PWIT (Power and Water Institute of Technology, Iran), (Tehran, Islamic Republic of Iran)
7-8 Oct. 2004	Participated in the 10th ISDR Inter-Agency Task Force meeting as a Task Force member (Geneva, Switzerland)
11 Oct. 2004	Co-organized the technical meeting on GLIDE with UNISDR, OCHA, ReliefWeb, WMO and DRI (Geneva, Switzerland)
11-12 Oct. 2004	Participated in the Second Meeting of the Preparatory Committee for the WCDR as a Task Force member (Geneva, Switzerland)
17-22 Oct. 2004	Participated in the “UNOOSA: United Nations International Workshop on the Use of Space Technology for Disaster Management (Munich, Germany)” <Made a presentation on “Real-time Image Sharing System with Ultrahigh Speed Communication Satellites” >
18 Oct. 2004	Received a special citation named “Kalasag Award” in recognition of ADRC's efforts in enhancement of the Philippines' disaster reduction capacity from the Government of the Philippines
18-21 Oct. 2004	Delivered a keynote speech at the “5th Asian Seismological Commission (ASC) General Assembly 2004” (Yerevan, Armenia)
16-18 Nov. 2004	Dispatched a lecturer to the “International Seminar on Policies and Practices for the Earthquake Management in Urban Areas” organized by OCHA, UNDP, UNISDR and the Iranian Government (Tehran, Iran) <Made a presentation on “Japan's experience of the 1995 Kobe earthquake and advancement of design standard”>
6 Dec. 2004	Visited by the Japanese Minister of State for Disaster Management, Mr. Yoshitaka Murata
28 Dec. 2004– 5 Jan. 2005	Conducted a field survey on tsunami disaster in Sri Lanka
30 Dec. 2004– 2 Jan. 2005	Conducted a field survey on tsunami disaster in Thailand
7-11 Jan. 2005	Conducted a field survey on tsunami disaster in Indonesia
11 Jan.—18 Feb. 2005	Held the “JICA Seminar on Disaster Management” (Kobe, Japan)
17 Jan. 2005	Co-organized the International Symposium “Living with Risk - disaster reduction for future generations -” with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
18-22 Jan. 2005	“The United Nations World Conference on Disaster Reduction” was held in Kobe, Japan ADRC contributed to WCDR by holding the International Symposium, the Public Forum, several parallel sessions and Exhibition (the 9th Earthquake Technology Expo)
19 Jan. 2005	Co-organized the Public Forum: Sharing of Experiences for Safer Asia “TDRM and its Good Practices” with Hyogo Prefectural Government and OCHA Kobe (Kobe, Japan)
19 Jan. 2005	Exchanged a Signed Memorandum of Understanding with the United Nations Educational, Scientific and Cultural Organization (UNESCO)
22 Jan. 2005	Participated in the “Scoping Meeting on the Development of Tsunami Early Warning Systems” organized by UNISDR (Kobe, Japan)
26-31 Jan. 2005	Conducted a field survey of tsunami disaster in Maldives
3-4 Feb. 2005	Participated in the 9th Earthquake Technology Expo (Yokohama, Japan)
21-26 Feb. 2005	Participated in the “32nd session of the WMO/UNESCAP Panel on Tropical Cyclones” (New Delhi, India)
21 Feb. 21– 4 Mar. 2005	Co-organized an urban search and rescue training program with the Singaporean Civil Defence Force, and trained the personnel of member states
22-24 Feb. 2005	Co-organized the “Mission on Policy Dialogue with High Level Administrative Policy Makers on Establishing a Tsunami Early Warning Mechanism in the Indian Ocean” with UNISDR and the Government of Japan (Tokyo, Shizuoka, Japan)

1-5 Mar. 2005	Conducted field survey on tsunami disaster in India
3-8 Mar. 2005	Participated in the “International Coordination Meeting for the development of Tsunami Warning and Mitigation System for the Indian Ocean within a Global Framework” (Paris, France) <Made a presentation on “Awareness building and public Information”>
7-18 Mar. 2005	Conducted the “JICA Tsunami Warning System Training Course” (Tokyo, Wakayama, Kobe, Japan)
18 Mar. 2005	Participated in the “High-level Coordination Meeting on Rehabilitation and Reconstruction Assistance to Tsunami-Affected Countries” organized by the Asian Development Bank (ADB) (Manila, the Philippines)
28 Mar. 2005	Participated in the “Fifth Ministerial Conference on Environment and Development in Asia and the Pacific, 2005” co-organized by UNESCAP and the Government of Republic of Korea (Seoul, Republic of Korea)
8-13 Apr. 2005	Dispatched staff to Multinational Survey Mission to Tsunami-affected areas in India
14-16 Apr. 2005	Participated in the “International Coordination Meeting for the Development of a Tsunami Early Warning and Mitigation System for the Indian Ocean” (Mauritius)
17-19 Apr. 2005	Participated in the “Rebuilding a safer Aceh - a Mercy Malaysia & ADRRN Workshop” (Aceh, Indonesia)
22 Apr. 2005	Participated and made a presentation in the “DIPECHO Regional Consultative Meeting South East Asia” (Bangkok, Thailand)
24-28 Apr. 2005	Participated in the “Workshop on Effective Tropical Cyclone Warning” (Shanghai, China)
11 May 2005	Held an Opening Ceremony of IRP (International Recovery Platform) office in Kobe
11-13 May 2005	Co-organized the “International Seminar on Post-Disaster Recovery” with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
12 May 2005	Co-organized the “Public Symposium on Recovery - What are the challenges and solutions for effective recovery” with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
18-22 May 2005	Participated in the UNESCO/IOC Survey Mission for the Development of a Tsunami Warning and Mitigation System for the Indian Ocean” (Sri Lanka)
18-20 May 2005	Participated in the “5 <sup>th</sup> Meeting of the ADPC Regional Consultative Committee on Disaster Management” (Hanoi, Vietnam)
24-26 May 2005	Participated in the 11 <sup>th</sup> Inter-Agency Task Force meeting of the International Strategy for Disaster Reduction (ISDR) as a Task Force member (Geneva, Switzerland) Confirmed of temporal activities of IRP
24-26 May 2005	Participated and made a presentation in the “Asia-Pacific Space Agency Forum” (Kuala Lumpur, Malaysia)
25-26 May 2005	Participated and made a presentation in the “International Forum of City Disaster Prevention and Mitigation” (Beijing, China)
26 May 2005	Participated and made a presentation in the “Seminar on Bilateral Cooperation for Disaster Risk Management” (Beijing, China)
Jun. 2005	Published Tsunami awareness booklets in 9 languages in 8 countries in Asia and distributed to Asian countries from July
10-15 Jun. 2005	Participated in the “National Assessment Mission of a Tsunami Early Warning and Mitigation System for the Indian Ocean” co-organized by UNESCO/IOC (Myanmar & Pakistan)
13-16 Jun. 2005	Participated and made a presentation in the “Workshop on the Role of Broadcaster” (Bangkok, Thailand)
18-30 Jun. 2005	Dispatched Early Warning System Assessment Team to the Maldives
11-14 Jul. 2005	Conducted the “Study Tour on National Tsunami Warning System Implementation for High Level Administrators in the Indian Ocean Responsible for Tsunami Warning Activities” organized by UNISDR and UNESCO/IOC (Tokyo, Shizuoka, Japan)
16-22 Jul. 2005	Dispatched staff to Thailand for presentation of IRP (Phuket) with the Governor of Hyogo Pref., participated in the “Workshop on the Recovery from Tsunami Disaster” co-organized by Government of Indonesia and JICA (Jakarta, Indonesia)
25-28 Jul. 2005	Participated and made a presentation in the “Meeting of Experts on Space Applications for Disaster Management” (Chiang Mai, Thailand)
26-29 Jul. 2005	Conducted the “Study Tour on National Tsunami Warning System Implementation for High Level Administrators in the Indian Ocean Responsible for Tsunami Warning Activities” organized by UNISDR and UNESCO/IOC (Hawaii, USA)
26 Jul. 2005	Exchanged the Memorandum of Understanding (MoU) with the World Meteorological Organization (WMO)
2-4 Aug. 2005	Participated in the “Regional Workshop of Asian Disaster Reduction and Response Network (ADRRN)” (Chennai, India)
18-27 Aug. 2005	Participated in the “UNESCO/IOC Assessment Mission” (Thailand, Bangladesh, Malaysia)
22 Aug.– 17 Sep. 2005	Hosted the “JICA Disaster Management Training Course for Central Asia and the Caucasus in Russian” (Tokyo, Kyoto, Kobe, Awaji Japan)
29 Aug. 2005	Reported the Results of Assessment of Early Warning System of Tsunami in the Maldives at the National Workshop held in Male
7-8 Sep. 2005	Participated and made a presentation in the “Planning Workshop on Awareness and Education Component of Early Warning Strengthening Project” Bangkok, (Thailand)
12-13 Sep. 2005	Participated and made a presentation in the “INSARAG Regional Meeting” (Delhi, India)
15-16 Sep. 2005	Participated and made a presentation in the “National Inter Agency Consultation on Earthquake” organized by Mongolian Red Cross, the National Emergency Agency, Government of Mongolia (Ulaanbaatar, Mongolia)
27-29 Sep. 2005	Participated and made a presentation in “the Asian World Conference on Disaster Reduction” (Beijing, China)
12 Oct. 2005	Participated and made a presentation in the “Workshop on Safer Housing” (Tsukuba, Japan)
21 –31 Oct. 2005	IRP joined the survey team of the UN Needs Assessment Mission for Early Recovery from the South Asia Earthquake (Pakistan)
22 Oct.-4 Nov. 2005	Participated in the “JICA Needs Assessment Study Team for Rehabilitation and Reconstruction” (Pakistan)
23-28 Oct. 2005	Participated and made a presentation in the “Workshop on Flash Floods Management and Sustainable Development in the Himalayas” (Lhasa, China)

2-3 Nov. 2005	Participated in the “Regional Workshop of Central Asian Countries and Russia on Building Capacity and Preparedness of Population to Emergencies” (Astana, Kazakhstan)
2-4 Nov. 2005	Participated in the “World Conference on the Commemoration of the 250 <sup>th</sup> Anniversary of the Lisbon Earthquake” and made a presentation on the Survey on Tsunami Risk Awareness in Sri Lanka (Lisbon, Portugal)
7 Nov. 2005	Participated and made a presentation in the “Symposium on the Universal Use” (Tokyo, Japan)
8 Nov. 2005	Visited by the Norwegian Minister of Justice and his party
14-15 Nov. 2005	Participated and Presentation in the “Disaster Reduction Technology List Meeting” (Kathmandu, Nepal)
14-19 Nov. 2005	Participated in the “38 <sup>th</sup> Session of the UNESCAP/WMO Typhoon Committee” (Hanoi, Vietnam)
16-18 Nov. 2005	Participated and made a presentation in the “Workshop on Strengthening the Resilience of Local Communities in Coastal Areas to Water Related Natural Disasters” (Copenhagen, Denmark)
17 Nov. 2005	Participated and made a presentation in the “Conference on Disaster Reduction in Mumbai” (Mumbai, India)
22-23 Nov. 2005	Participated in the 12 <sup>th</sup> Inter-Agency Task Force meeting of ISDR as a Task Force member (Geneva, Switzerland)
23-24 Nov. 2005	Participated in the “Meeting of the Disaster Risk Reduction Information Platform” and the “Meeting with Stakeholders of IRP” (Geneva, Switzerland)
3-8 Dec. 2005	Conducted questionnaire survey on Tsunami disaster in Indonesia (UNISDR Project)
8-9 Dec. 2005	Participated and acted as a coordinator at the Panel Discussion in the “World Symposium on Support of Recovery from Tsunami Disaster-What Must Universities Do in the Event of Disaster?” (Ritsumeikan Univ, Kyoto)
14-15 Dec. 2005	Participated and made a presentation in the “International Workshop on the Restoration Program from Giant Earthquakes and Tsunamis” (Tokyo, Japan)
16 Jan. –24 Feb. 2006	Held the “JICA Seminar on Disaster Management 2005” (Kobe, Tokyo, Kyoto, Awaji Island, Japan)
17-18 Jan. and 2-3 Feb. 2006	Participated in the 10 <sup>th</sup> Earthquake Technology Expo (Kobe and Yokohama, Japan)
19 Jan. 2006	Co-organized the “2 <sup>nd</sup> Public Symposium on Post Disaster Recovery - Lessons on recovery learned from recent major disasters” with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
20 Jan. 2006	IRP Participated and made a presentation in the CISSP Symposium “One Year after the Tsunami: Improving Civil-Military Relations in Humanitarian Assistance and Natural Disasters” (Osaka, Japan)
21 Jan.—2 Feb. 2006	Participated in the “JICA Needs Assessment Study Team for Broad Disaster Reduction in Central America” (Guatemala, El Salvador, Panama)
23 Jan.—10 Feb. 2006	Conducted the “JICA Tsunami Warning System Training Course 2006” (Tokyo, Wakayama, Kobe, Shizuoka, Matsushiro, Japan)
24 Jan. –12 Feb.2006	Co-organized the Exhibition of “Inamura no hi_ Overseas Education of Disaster Reduction” with JICA Hyogo (Kobe, Japan)
26-27 Jan. 2006	Participated and Presentation in the “UNU-EHS Workshop : Vulnerability Assessment & Early Warning ” (Colombo, Sri Lanka)
26-28 Jan. 2006	Participated and made a presentation in the “Institutions Floods Asia Workshop on Comparing institutional designs, capacities and national policies to reduce the risks of flood disasters in Asia” (Chiang Mai, Thailand)
30-31 Jan. 2006	Participated and made a presentation in the “Second US Indian Ocean Tsunami Warning System Program Coordination Workshop” (Bangkok, Thailand)
30-31 Jan. 2006	IRP joined the Expert Meeting on Damage and Needs Assessment for Post –Disaster Recovery (Rome, Italy)
30 Jan.-10 Feb. 2006	Conducted the “JICA Restraint on the Disaster Damage Training Course (for Turkey)” (Kobe, Tokyo, Japan)
6-7 Feb. 2006	Co-organized the Cooperative Project with the Kyrgyz Republic “Seminars on Capacity Building of the Population” (Bishkek, Osh, Kyrgyz Republic)
19 Feb. –4 Mar. 2006	Conducted the “JICA Disaster Damage on Earthquake Management Course (for Iran)” (Kobe, Tokyo, Japan)
20 Feb. –3 Mar. 2006	Co-organized the “Urban Search and Rescue Training Program” with the Singaporean Civil Defence Force, and trained the personnel of the member states
27-28 Feb. 2006	Participated and made a presentation in the “Disaster Reduction Technology List Workshop” (Tsukuba, Japan)
1-3 Mar. 2006	Co-organized the “Workshop on the Tsunami Disaster Education Project in Thailand” with Thai Education Ministry, funded by UNESCO/IOC (Phuket, Thailand)
7-8 Mar. 2006	IRP participated in the “Sumatra Tsunami Disaster and Reconstruction Workshop” (Kobe, Japan)
9-15 Mar. 2006	IRP participated in the “Workshop on Book Project of Knowledge Management” (Geneva, Switzerland)
15-17 Mar. 2006	Co-organized the “Asian Conference on Disaster Reduction 2006” with the Government of Japan and Republic of Korea and UNISDR, attracting an attendance of 146 representatives from 24 countries (Seoul, Republic of Korea)
19-28 Mar. 2006	IRP participated in the “Joint Investigation on Leyte Landslide by Japanese and Philippine” (Leyte, the Philippines)
21-30 Mar. 2006	Participated and lectured in the “JICA Disaster Management Seminar in Turkey” (Ankara, Turkey)
22-24 Mar. 2006	Participated in the “Workshop on Andaman School Safety Initiative” (Andaman, India)
22-29 Mar. 2006	Participated in the “JICA Pre Assessment Mission for the Development of Capacity Building of Disaster Reduction in Thailand”
29 Mar. 2006	Organized the “Meeting of the Report on the Joint Investigation on Leyte Landslide by Japanese and Philippine ” (Kobe, Japan)
2-4 Apr. 2006	Participated and made a presentation in the “Workshop to improve the compilation of reliable data on disaster occurrence and impact ” (Bangkok, Thailand)

7 Apr. 2006	Organized the Seminar of the Project for Education on Disaster Reduction in Thailand (Bangkok, Phuket, Thailand)
13 Apr. 2006	Participated and made a presentation in the "Seminar and Workshop for Understanding Tsunami" (Banda Aceh, Indonesia)
25 Apr. 2006	Visited by Sri Lanka Minister of Disaster Prevention and human rights charge, Mr. M Samarasinghe
19 May, 2006	Visited by Secretary of Indonesia Aceh Nias Revival Re-building Agency, Dr. Ir.Kuntoro Mangkusubroto
23-24 May 2006	Participated in the "Symposium on Multi-hazard Early Warning Systems for Integrated Disaster Risk Management" (Geneva, Switzerland)
23-24 May 2006	Participated and made a presentation in the "Third Regional Consultative Meeting for Central Asia" (Issy-Kul, Kyrgyz Republic)
30 May 2006	Co-organized the "3 <sup>rd</sup> Public Symposium on Progress towards Hyogo Framework for Action" with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
30 May –4 Jun. 2006	ADRC and IRP dispatched Assessment Team to Java on the Central Java Earthquake (Java, Indonesia)
12 Jun. 2006	Participated and gave a presentation in the "GRIP/GLIDE Meeting" (Geneva, Switzerland)
13-15 Jun. 2006	Participated and gave a presentation in the "ADRRN Regional Workshop" (Bangkok, Thailand)
8-10 Jul. 2006	Participated in the National Assessment Mission to Yemen led by UNESCO/IOC (Yemen)
11-14 Jul. 2006	Participated in the Japan Disaster Mission (Jakarta, Yogyakarta, Indonesia)
19 Jul. 2006	Participated in the "ECOSOC Side Event on Implementation of HFA" (Geneva, Switzerland)
31 Jul. 2006	Participated and Presentation in the International Conference on "Japan-SAARC Corporation" (Dhaka, Bangladesh)
24-30 Jul. 2006	Survey on the Damage by the Tsunami at South Shore in Java Island (Java, Indonesia)
30 Jul. 2006	Participated in the "ISDR Workshop on Disaster Risk Reduction for Indian Ocean Tsunami Early Warning Systems" (Bali, Indonesia)
15-16 Aug. 2006	Participated and Panel Chair in Plenary 1 in the "Senior Policy Forum" organized by Pacific Disaster Center (Maui Island, Hawaii, USA)
21-22 Aug. 2006	Participated in the "South Asia Policy Dialogue" (Delhi, India)
21-26 Aug. 2006	Conducted the "JICA's Trainer's training for the Disaster Mitigation Training Project for Turkey" (Kobe, Tokyo, Japan)
21 Aug. –15 Sep. 2006	Conducted the "2006 Disaster Management Training Course for Central Asia and the Caucasus" (Kobe, Tokyo etc, Japan)
27 Aug.– 1 Sep. 2006	Participated and made a presentation in the "International Disaster Reduction Conference IDRC Davos 2006" (Davos, Switzerland)
28 Aug.– 15 Sep. 2006	Conducted the JICA Training Course "Disaster Prevention Education in Schools" (Kobe, Japan)
29 Aug. –5 Sep. 2006	Conducted the "JICA's Training for Top Officials of Turkish Municipalities" (Kobe, Tokyo, Japan)
29 Aug.– 6 Sep. 2006	Participated in the Field Survey of the JICA Project on Capacity Development in Disaster Management in Thailand (Thailand)
31 Aug.– 1 Sep. 2006	Participated in the "7 <sup>th</sup> Meeting of the ASEAN Committee on Disaster Management" (Yogyakarta, Indonesia)
20-26 Sep. 2006	Conducted the "Study Tour of Disaster Hazard Mitigation Project for Kyrgyz Republic" (Kobe, Tokyo etc., Japan)
21 Sep. 2006	Participated and made a presentation in the "International Forum 2006 on City's Security and Management" (Beijing, China)
22 Sep. 2006	Participated and made a presentation on ADRC's activities in the "JSCE Annual Meeting" (Ritsumeikan Univ., Kusatsu, Japan)
25-28 Sep. 2006	Participated and made a presentation in the workshop organized by UNESCAP (Hong Kong, China)
26 Sep. 2006	Participated and made a presentation in the "International Symposium on Disaster Preparedness" (Seattle, USA)
11 Oct. 2006	Participated as a panelist in the "Forum for Disaster Risk Reduction International Day for Natural Disaster Reduction" (Bangkok, Thailand)
17 Oct. 2006	Participated as a lecturer in the "Orientation on the GLIDE system for OCD and Staff", Co-Project with the Philippines (Manila, the Philippines)
19 Oct. 2006	Co-organized the Public Forum "Winning against Disasters-Roles of Education, Development and Community Action for Sustainable Development" with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe UNU (Tokyo, Japan)
24 Oct. 2006	JAXA and ADRC announced the launch of "Sentinel Asia"
30 Oct.–1 Nov. 2006	Participated and made a presentation in the "Third Meeting of the Expert Working Group on MEASURING VULNERABILITY" (Prato, Italy)
30 Oct.– 3 Nov. 2006	Supported the "International Fire Fighting Course" organized by the Singaporean Civil Defence Force
1 Nov. 2006	Lectured at Papua New Guinea University (Papua New Guinea)
9 Nov. 2006	Participated and made a presentation in the "Workshop for Earthquake-proof in Istanbul" (Istanbul, Turkey)
14-15 Nov. 2006	Participated in the "Workshop of Training Project on Earthquake Reduction for Armenia", Co-Project with Armenia, and made a presentation on Retrofitting in Japan (Yerevan, Kapan, Armenia)
14-16 Nov. 2006	Participated and made a presentation in the "Geo-Risk-Management by Local Governments" (Yogyakarta, Indonesia)
14-22 Nov. 2006	Participated and made presentations in the "Regional Workshop on Improving Risk Knowledge" organized by UNDP and "Regional Workshop on Application of UNESCAP Template for Assessment of the Socio-Economic Impact of Natural Disasters" organized by UNESCAP (Bangkok, Thailand)
20-22 Nov. 2006	Participated in the IRP RETREAT and 3 <sup>rd</sup> IRP Steering Committee Meeting (Turin, Italy)
24 Nov. 2006	Participated in the "Technical Oversight Committee for the Post Disaster Recovery Needs Assessment Methodology and Toolkit" (Geneva, Switzerland)
27 Nov. 2006	Participated and made a presentation in the "Caravan Seminar on Geospatial Technologies for Disaster Mitigation" (Manila, the Philippines)
30 Nov.– 5 Dec. 2006	Conducted the "Disaster Mitigation Management Course for the Youth in Central Asia and the Caucasus 2006" organized by the Ministry of Foreign Affairs (Kobe, Tokyo, Japan)
1-2 Dec. 2006	Participated in International Early Warning Programme (IEWP) Advisory Group Meeting" organized by UNISDR (Bonn, Germany)
4-9 Dec. 2006	Participated and made a presentation in the "Typhoon Committee Thirty-ninth Session" (Manila, the Philippines)
5-7 Dec. 2006	Participated in the "13 <sup>th</sup> Session of the Asia Pacific Regional Space Agency Forum" (Jakarta, Indonesia)

6-7 Dec. 2006	Participated and made a presentation in the international workshop "Learning from the Recovery and Reconstruction of Banda Aceh and Other Tsunami-stricken Regions" (Banda Aceh, Indonesia)
6-8 Dec. 2006	Conducted the "2 <sup>nd</sup> District Workshop on Disaster Education in Schools" (Galle, Sri Lanka)
12-15 Dec. 2006	Participated and made a presentation in the "ITU/UNESCAP Regional Workshop on Disaster Communications" (Bangkok, Thailand)
12-29 Dec. 2006	Dispatched the expert (ADRC) to Malaysia on Tsunami Early Warning Project requested from JICA (Malaysia)
13-15 Dec. 2006	Participated and made a presentation in the "Regional Workshop on the Establishment of the ASEAN Coordinating Centre for Humanitarian Assistance on Disaster Management" (Jakarta, Indonesia)
16-18 Dec. 2006	Participated as a panelist in session "Hazard Reduction and the 2004 Asian Tsunami" in the Ninth Biennial Conference of the International Society for Ecological Economics "Ecological Sustainability and Human Well-being" (New Delhi, India)
19-20 Dec. 2006	Participated and made a presentation in the regional conference "Hazards of Nature, Risks and Opportunities for Development in South Asian Countries" (Delhi, India)
15-16 Jan. 2007	Co-organized the "International Forum on Tsunami and Earthquake-progress of the implementation of the Hyogo Framework for Action (HFA) and Recovery from Tsunami and Earthquake" with the Government of Japan, UNISDR, UNU, Hyogo Prefecture and OCHA Kobe (Kobe, Japan)
15 Jan-23 Feb. 2007	Conducted "JICA Disaster Management Seminar / Disaster Management and Preparedness in Southeast European Countries" (Kobe, Tokyo, Unzen etc, Japan)
15-17 Jan. 2007	Disaster Survey on the Mudslide at Legazpi Area in Philippines (Manila, Legazpi, the Philippines)
18- 20 Jan. 2007	Participated and made a presentation in the "International Conference on School Safety" (Gujarat State, India)
22- 25 Jan. 2007	Participated in "the First Session of IPL Global Promotion Committee and IPL Symposium 2007-Landslide Risk Analysis & Sustainable Disaster Management" (Tokyo, Japan)
26 - 27 Jan. 2007	Conducted "Workshop on Promotion of Disaster Preparedness in School Education" (Banda Aceh, Indonesia)
28 Jan-8 Feb. 2007	Participated in the "Joint Project Formulation Study (NUDP-JICA) for Disaster Prevention and Reconstruction in South Asia" (Delhi, India, Kathmandu, Nepal, Thimpu, Bhutan )
31 Jan. 2007	Participated in the "ISDR system Interim Organizing Committee Meeting of the Education Platform" (Geneva, Switzerland)
1- 2 Feb. 2007	Participated in the 11 <sup>th</sup> Earthquake Technology/Natural Disaster Recovery Technology Expo (Yokohama, Japan)
12-15 Feb. 2007	Participated and made a presentation in the international conference "Albatross 2007" (Batumi, Georgia)
19 Feb-2 Mar. 2007	Conducted the "JICA Disaster Damage on Earthquake Management Course (for Iran)" (Kobe, Tokyo, Japan)
28 Feb. 2007	Visited by The president of Pakistani National Disaster Management Agency (NDMA), Mr. Farooq Ahmad Khan
5-6 Mar. 2007	Conducted the Study Tour for the Bhutanese Delegation (Kobe, Japan)
12-22 Mar. 2007	Conducted the "JICA Training " Strengthening of Disaster Coordination System (for Iran)" (Kobe, Tokyo, Japan)
3-5 Apr. 2007	Participated and made a presentation at UNESCAP Tsunami Early Warning Systems Workshop (Bangkok, Thailand)
11-22 Apr. 2007	Participated in Tsunami Investigation Team in Solomon Islands (Honiata, Gizo, Solomon Islands)
23 Apr. 2007	Hosted the seminar commemorating the completion of the GLIDE-Associated Disaster Database (Manila, the Philippines)
28-30 Apr. 2007	Participated and made a presentation at the International Conference on Earthquake Risk Management (Islamabad, Pakistan)
7-8 May 2007	Participated in the First Project Steering Committee on HFA Baseline Study Project (Bangkok, Thailand)
9-29 May 2007	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
12-15 May 2007	Participated in the 5 <sup>th</sup> International Conference on Seismology and Earthquake Engineering (Tehran, Iran)
14 May 2007	Participated and made a presentation at the workshop "Expert Consultation- Harmonizing Terminology of Perils" (Munich, Germany)
22-26 May 2007	Conducted the third dispatch to JICA Development Study "Sri Lanka Community-Based Disaster Management" (Colombo etc, Sri Lanka)
23-24 May 2007	Participated in the 1 <sup>st</sup> Tradeshows, Symposia and Seminars on Security & Safety /Earthquake Technology Expo (Osaka, Japan)
31 May-13 Jun. 2007	Participated in JICA Development Study "Sri Lanka Community-Based Disaster Management" (Colombo etc., Sri Lanka)
5-7 Jun. 2007	Participated and made a presentation at the First Session of the Global Platform for Disaster Risk Reduction by UNISDR; IRP organized a Side Event on the second day (Geneva, Switzerland)
21-23 Jun. 2007	Held a follow-up workshop on JICA's Central Asia and the Caucasus (Astana, Kazakhstan)
25-27 Jun. 2007	Co-organized the Asian Conference on Disaster Reduction (ACDR) 2007 with the Government of Japan, the Government of Kazakhstan and US/ISDR attracting 136 participants from 22 countries (Astana, Kazakhstan)
2-4 Jul. 2007	Participated and made a presentation at "Regional Workshop on Building Risk Knowledge" (Bangkok, Thailand)
2-29 Jul. 2007	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
3 Jul. 2007	Lectured at the International Cooperation Course of Mita Campus, Keiko University (Tokyo, Japan)
4 Jul. 2007	Participated and made a presentation at International Conference on Wind Engineering (Cairns, Australia)
16-17 Jul. 2007	Organized IRP steering committee and participated in ECOSOC/ISDR side event (Geneva, Switzerland)
16 Jul.-14 Aug. 2007	Conducted Development Study "Indonesia Natural Disaster Management Plan" JICA (Jember, Indonesia)
26-27 Jul. 2007	Participated and made a presentation at the International Symposium on the Civil Defense Development Strategy in the 21 <sup>st</sup> Century (Shanghai, China)
28 Jul. 2007	Conducted a seminar on disaster education and method by Sumatra Earthquake and Tsunami JST Special Coordination Funds for Promoting Science and Technology (Banda Aceh, Indonesia)



29 Jul. -2 Aug. 2007	Participated in JICA Development Study "Sri Lanka Community-Based Disaster Management" (Colombo, Sri Lanka)
30 Jul-10 Aug. 2007	Conducted JICA Seminar on Disaster Management and Preparedness in Southeast European Countries JFY2007 (Kobe, Tokyo, Japan)
2-3 Aug. 2007	Participated in Housing Earthquake Safety Initiative (HESI) Project Workshop (Kathmandu, Nepal)
3-4 Aug. 2007	Organized the baseline project, the 2 <sup>nd</sup> Project Steering Committee to review HFA progress (Kobe, Japan)
20 Aug-14 Sep. 2007	Conducted JICA training on Disaster Management for Central Asia and the Caucasus (Kobe, Tokyo, Japan)
21-15 Aug. 2007	Participated and made a presentation at International Disaster Reduction Conference 2007 (Harbin, China)
22-24 Aug. 2007	Participated and made a presentation at the 2 <sup>nd</sup> meeting of Working Group on Disaster Prevention and Preparedness-Typhoon Committee Disaster Information System and Future Activities (Seoul, Republic of Korea)
27 Aug-7 Sep. 2007	Conducted JICA training "Strengthening the Disaster Coordination System" for Istanbul (Kobe, Tokyo, Japan)
27-28 Sep. 2007	Lectured at the Sentinel Asia System Operation Training (Bangkok, Thailand)
5-7 Sep. 2007	Participated and made a presentation at the 4 <sup>th</sup> Sentinel Asia Joint Project Team Meeting ( Philippines)
6-30 Sep. 2007	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jember, Indonesia)
9-11 Sep. 2007	Conducted a workshop on hazard mapping (Jember, Indonesia)
10-11 Sep. 2007	Participated and made a presentation at the Integrated Workshop on Social-economic Impacts of Extreme Typhoon-related Events (Bangkok, Thailand)
18-19 Sep. 2007	Participated and made a presentation at World Road Congress (Paris, France)
3 Oct. 2007	Participated and made a presentation at a cooperative project with Mongolia: Seminar on the "Development of the Web-based GLIDE-associated Disaster Event Database (Mongolia)
8-10 Oct. 2007	Participated and made a presentation at Asia Pacific Regional Workshop on School Education and Disaster Risk Reduction (Bangkok, Thailand)
10 Oct. 2007	Co-hosted a public forum "Sustaining Water Cycle for Disaster Risk Reduction" with UNU, JAHS, and UNISDR (Tokyo, Japan)
14 Oct. 2007	Participated in the opening ceremony of UNISDR Hyogo Office (Kobe, Japan)
14 Oct. 2007	Co-organized a public forum "Human Security and International Disaster Cooperation" with OCHA, UNIC and UNISDR (Kobe, Japan)
16 Oct. -16 Nov. 2007	Participated in JICA Development Study "Sri Lanka Community-Based Disaster Management" (Colombo etc., Sri Lanka)
20 Oct. 2007	Held the meeting of the School Disaster Education Teacher's Manual Investigative Committee by Sumatra Earthquake and Tsunami JST Special Coordination Funds for Promoting Science and Technology (Banda Aceh, Indonesia)
21-26 Oct. 2007	Participated and made a presentation at the CCOP Annual Session 2007 (Cebu, the Philippines)
22-25 Oct. 2007	Participated and made a presentation at Stockholm Forum for Disaster Reduction and Recovery (Stockholm, Sweden)
26 Oct. 2007	Participated and made a presentation at the 10 <sup>th</sup> Meeting of the ASEAN Committee on Disaster Management (Singapore)
29-30 Oct. 2007	Participated and made a presentation at UN-SPIDER workshop (Bonn, Germany)
30 Oct. -28 Nov. 2007	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jember, Indonesia)
1-14 Nov. 2007	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
6 Nov. 2007	Organized Japan-SAARC Regional Cooperation in Disaster Management Kick-off Meeting (New Delhi, India)
7-8 Nov. 2007	Participated and made a presentation at the Second Asian Ministerial Conference on Disaster Education ; IRP organized a side event (New Delhi, India)
21 Nov. 2007	Participated and made a presentation in the "Seminars on Establishment of Disaster Prevention System" organized by Indonesia Golkar party (Jakarta, Indonesia)
21-23 Nov. 2007	Participated and made a presentation at the 14 <sup>th</sup> Session of the Asia Pacific Regional Space Agency Forum (APRSF-14)
21-25 Nov. 2007	Participated and made a presentation at the "Typhoon Committee Fortieth session" (Macao, China)
24 Nov. -1 Dec. 2007	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jember, Indonesia)
26 Nov. 2007	Participated and made a presentation in the "Workshop on Disaster Prevention Education (Ahmedabad, India)
27 Nov.-7 Dec. 2007	Conducted JICA Earthquake Disaster Management Seminar for Iran (Kobe, Tokyo, Unzen etc, Japan)
28-29 Nov. 2007	Co-organized a workshop for local officials in Bangladesh with UNESCAP and the government of Bangladesh (Dhaka Bangladesh)
28-30 Nov. 2007	Lectured at the 2 <sup>nd</sup> Sentinel Asia System Operation Training (Bangkok, Thailand)
29 Nov. -4 Dec. 2007	Conducted an emergency field survey at Patargata, Bangladesh, which was struck by Cyclone Sidr (Patargata, Bangladesh)
1 Dec. 2007	Participated and made a presentation at the 4 <sup>th</sup> Enlarged IFNet General Meeting (Beppu, Japan)
4-7 Dec. 2007	Co-organized a workshop on problems of disaster hazard and risk assessment in Tajikistan with the Ministry of Emergency Situation (Dushanbe, Tajikistan)
10-11 Dec. 2007	Participated and made a presentation at National Disaster Awareness Day Seminar (Kuala Lumpur, Malaysia)
10-13 Dec. 2007	Participated in the 2 <sup>nd</sup> Caribbean Conference on Comprehensive Disaster Management and co-organized Disaster Recovery Session with organizers (Barbados)
20-21 Dec. 2007	Held a workshop for local officials with the government of India (NDMA) (Chennai, India)
15 Jan. -22 Feb. 2008	Conducted JFA2007 Comprehensive Disaster Risk Management Course (Kobe, Tokyo, Kyushu, Japan)
21-22 Jan. 2008	Participated in the Second International Programme on Landslide (IPL) Global Promotion Committee (Tokyo, Japan)

23 Jan. 2008	Participated and made a presentation at "International Symposium on the Restoration Program from Giant Earthquakes and Tsunamis" (Phuket, Thailand)
23-24 Jan. 2008	Conducted Earthquake Disaster Management Course for Iran (Kobe, Japan)
23-24 Jan. 2008	Co-organized Regional Task Force on Urban Risk Reduction Meeting (Kobe, Japan)
24 Jan. 2008	Co-organized International Recovery Forum "Capacity Development for Better Recovery" with IRP Secretariat, JICA Hyogo Disaster Learning Center, UNISDR Hyogo Office, Cabinet Office of Japan, Hyogo Prefecture (Kobe, Japan)
25-27 Jan. 2008	Participated in the Consultative Meeting of UNISDR Asia Partnership (IAP) (Seoul, Republic of Korea)
30-31 Jan. 2008	Participated and made a presentation at "International Conference on Construction" (New Delhi, India)
31 Jan. -1Feb. 2008	Participated in the 12 <sup>th</sup> Earthquake Technology Expo / Natural Disaster Recovery Technology Expo (Yokohama, Japan)
31 Jan. 2008	Participated and made a presentation at "Human Rights Seminar" by Ibaraki Prefecture (Ibaraki, Japan)
5 Feb. 2008	Participated and made a presentation at WB Public Seminar "Disaster Risk Reduction and the World Bank" (Tokyo, Japan)
14 Feb. 2008	Participated in ISDR Asia Partnership Meeting/ Regional Task Force on Urban Risk Reduction Follow-up Meeting (Bangkok, Thailand)
20 Feb. 2008	Participated and made a presentation at Coordinating Committee for Geoscience Programmes in East and Southeast Asia (Tokyo, Japan)
21-22 Feb. 2008	Participated and made a presentation at the Second DRH-Asia Workshop (Beijing, China)
25 Feb. -7 Mar. 2008	Dispatched 4 experts from Bangladesh etc to International Urban Search and Rescue Training Course (Singapore)
25Feb-14 Mar. 2008	Conducted a JICA course to enhance disaster management of local governments (Tokyo, Niigata, Shizuoka, Kobe, Japan)
15 Mar. 2008	Co-organized a Brainstorming Meeting on "Urban Risk Reduction and the Environment: Learning from Japan" with UNEP, UNISDR and Kobe University (Kobe, Japan)
17-18 Mar. 2008	Participated and made a presentation at "11th Meeting of the ASEAN Committee on Disaster Management (ACDM)" (Kota Kinabalu, Malaysia)
18 Mar. 2008	Co-organized "Workshop on the Disaster Risk Reduction in the Pacific Islands" with Ministry of Foreign Affairs of Japan (Kobe, Japan)
26 Mar. 2008	Co-organized a Commemorative Public Forum of the World Water Day 2008 "Glacier Melting and Impacts due to Climate Change" with UNU, UNISDR and ICHARM (Tokyo, Japan)
7-11 Apr. 2008	Participated in "Intergovernmental Coordination Group for Indian Ocean Tsunami Warning System"
9-12 Apr. 2008	Participated and made a presentation at "The 3rd Meeting of Typhoon Committee Working Group on DPP" (Seoul, Korea)
20-26 Apr. 2008	Participated and made a presentation at "UNESCAP Regional Workshop" (Bangkok, Thailand)
23 Apr. 2008	Participated and made a presentation at "ISDR Cluster Group on Knowledge and Education for Disaster Reduction" (Paris, France)
24-25 Apr. 2008	Participated in "Meeting of European National Platform and HFA Focal Points" (Paris, France)
8-11 May 2008	Participated in "ADPC-RCC7" (Colombo, Sri Lanka)
11 May -1 Jun. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
15 May 2008	Co-organized the 3 <sup>rd</sup> meeting of Regional Task Force on Urban Risk Reduction (RTF-URR) (Kobe, Japan)
15 May 2008	Co-organized the workshop "Integrating Environment Management and Disaster Risk Reduction" with UNISDR Hyogo Office, Hyogo Prefecture, UNEP, UNCRD Hyogo Office and Kyoto University (Kobe, Japan)
20-26 May 2008	Participated and made a presentation at "National Symposium on Building Code Implementation System" (Kathmandu, Nepal)
20 May -9 Jun. 2008	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
25-30 May 2008	Surveyed on Sichuan Earthquake (Sichuan/ Beijing, China)
28 May 2008	Visit of a high-level delegation from Almaty (Kazakhstan) as part of JICA's earthquake risk reduction project in Almaty (Kobe, Japan)
29-30 May 2008	Participated in DRH Workshop (Kobe, Japan)
5-6 Jun. 2008	Co-organized "First Joint Project Team Meeting for Sentinel Asia STEP-2" (Kobe, Japan)
7-21 Jun. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang Pariaman, Indonesia)
10-14 Jun. 2008	Participated and made a presentation at "The Seminar for the JICA Study on Earthquake Disaster Risk Management" (Almaty, Kazakhstan)
10-21 Jun. 2008	Participated at "Evaluation Meeting of the JICA Study for National Capacity building on Disaster Risk Management" (Bangkok, Thailand)
12 Jun. 2008	Visit of a delegation from NEMA, Government of Republic of Korea and Incheon City (Kobe, Japan)
12 Jun. -1 Jul. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang, Indonesia)
30 Jun. -20 Jul. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
2-21 Jul. 2007	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
21 Jul-3 Aug. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang, Indonesia)
27 Jul-2 Aug. 2008	Conducted The Second Year of the JICA Grassroots Technical Cooperation Project "NGO Training for Disaster Risk Reduction in Asia" (Kuala Lumpur, Malaysia)
7-17 Aug. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
8-11 Aug. 2008	Co-organized "First Regional Workshop on the Earthquake Risk Reduction and Recovery Preparedness Programme (ERRP) for South Asia" (Kathmandu, Nepal)
11 Aug. -2 Sep. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang, Indonesia)
21 Aug. 2008	Arab Red Crescent and Red Cross Organization Visited the ADRC office
28-30 Aug. 2008	Participated and made a presentation at "ACDM and ARDEX-08" (Pataya, Thailand)
1-6 Sep. 2008	Lectured at the Sentinel Asia System Operation Training (Bangkok, Thailand)
1-15 Sep. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang Pariaman, Indonesia)
6 Sep. -20 Oct. 2008	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
8-28 Sep. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
15 Sep. 2008	Co-organized the "Meeting of the IRP Forum 2009 Working Group" (Geneva Switzerland)
16 Sep. 2008	Participated in the Humanitarian Liaison Working Group (HLWG) meeting at the United Nations Geneva (Geneva, Switzerland)
14-27 Sep. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
17-19 Sep. 2008	Participated in "The Meeting of the Regional Review Committee of the 2008 Regional Drawing Competition" (Bangkok, Thailand)

21-24 Sep. 2008	Participated and made a presentation at "Meeting of the ISDR Asia Partnership" and the Preparatory Meeting for the 3rd Asian Ministerial Conference on Disaster Risk Reduction (Kuala Lumpur, Malaysia)
21-25 Sep. 2008	Participated in "The Meeting of Typhoon Committee Working Group on DPP" (Beijing, China)
6-11 Oct. 2008	Participated and made a presentation at "Third ECO International Conference on Disaster Risk Management" (Tehran, Iran)
10-18 Oct. 2008	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
19-22 Oct. 2008	Co-organized "The Regional Workshop on the Earthquake Risk Reduction and Recovery Preparedness Programme (ERRP)" (Kathmandu, Nepal)
21-24 Oct. 2008	Participated and made a presentation at "The 21st EUROPH World Congress and Mayor's Caucus" (Himeji/Hyogo, Japan)
21-30 Oct. 2008	Co-organized "Kickoff Meeting for ASEAN Cooperation Project, Capacity Building for Local Government Officials in Disaster Management" (Vientiane, Lao PDR/ Phnom Penh, Cambodia)
23 Oct. -13 Nov. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang, Indonesia)
26-31 Oct. 2008	Participated in the evaluation mission to Beijing, Zigong City and the Earthquake Affected Areas in Sichuan Province as part of the "RADIUS plus 10" project (Beijing, Zigong, Chengdu, China)
26-31 Oct. 2008	Participated in the "Meeting of Global Risk Identification Programme (GRIP)" (Geneva Switzerland)
27 Oct. -5 Nov. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Padang, Indonesia)
1-6 Nov. 2008	Participated and made a presentation at "ADRRN Annual Workshop" (Katmandu, Nepal)
3-7 Nov. 2008	Participated and made a presentation at "The 2nd China-ASEAN Forum on Social Development and Poverty Reduction" (Nanning, China)
4-5 Nov. 2008	Participated in the Conference on "Natural Catastrophe Risk Insurance Mechanisms for Asia and the Pacific" organized by ADB and Ministry of Finance of Japan (Tokyo, Japan)
12-14 Nov. 2008	Co-organized the Asian Conference on Disaster Reduction (ACDR) 2008 with the Government of Japan, the Government of Indonesia and US/ISDR attracting 106 participants and 14 organizations from 24 countries (Bali, Indonesia)
13-20 Nov. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
15-22 Nov. 2008	Surveyed on Recovery from the Central Java Earthquake (Java, Indonesia)
17 Nov. -21 Dec. 2008	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
18-22 Nov. 2008	Co-organized "Kickoff Meeting for ASEAN Cooperation Project, Capacity Building for Local Government Officials in Disaster Management" (Hanoi, Vietnam)
17-22 Nov. 2008	Participated in "Committee on Information and Communications Technology, first session" (Bangkok, Thailand)
18-22 Nov. 2008	Participated in the "First World Landslide Forum" as a supporting organization (Tokyo, Japan)
23-28 Nov. 2008	Participated in "48th Session of the International Conference on Education" (Geneva Switzerland)
1-4 Dec. 2008	Participated and made a presentation at "3rd Asian Ministerial Conference on Disaster Risk Reduction" and its Pre-Conference (Kuala Lumpur, Malaysia)
5-15 Dec. 2008	Conducted JICA Development Study "Indonesia Natural Disaster Management Plan" (Jakarta, Indonesia)
8-14 Dec. 2008	Participated and made a presentation at "15th Session of the Asian Pacific Regional Space Agency Forum (APRSAP-15)" (Hanoi, Vietnam)
24-29 Dec. 2008	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
8-9 Jan. 2009	Participated in the 3 <sup>rd</sup> Annual Workshop on Disaster Reduction Hyperbase - Asian Application (DRH-Asia) (Tokyo, Japan)
13 Jan. 2009	Co-organized a Press Briefing to launch the publication of ISDR Good Practices and Lessons Learned "Private Sector Activities in Disaster Risk Reduction" (Osaka, Japan)
14 Jan. 2009	Gave a lecture at Tokyo Polytechnic University on "Status and Challenges of Disaster Reduction in Asia - Asian Disaster Reduction Center's Efforts in Promoting Hyogo Framework for Action -" (Tokyo, Japan)
21 Jan. -3 Feb. 2009	Conducted JICA Development Study on Enhancing Disaster Management Functions in Sri Lanka (Colombo, Sri Lanka)
16-21 Feb. 2008	Participated and made a presentation at "ACDM" (Naypyidaw, Myanmar)
4-6 Mar. 2009	Co-organized the Symposium "Cooperative Actions for Disaster Risk Reduction (CADRR)" with IAWE, UNU, UNISDR and Tokyo Polytechnic University (Tokyo, Japan)
23-24 Mar. 2009	Participated in UNISDR Asia Partnership (IAP) Meeting (Bangkok, Thailand)
25-27 Mar. 2009	Participated in First Session of Committee on Disaster Risk Reduction of UNESCAP (Bangkok, Thailand)
7-9 Apr. 2009	Participated in the International Forum on Recovery and Reconstruction of Yingxiu (Chengdu, China)
14-15 Apr. 2009	Participated in 4th Meeting of the Technical Advisory Sub-Committee of the ASEAN Disaster Information Sharing and Communication Network Project (Jakarta, Indonesia)
15-16 Apr. 2009	Participated in the 2nd Consultative Meeting on Establishment of Regional Coordination Centre in Central Asia ( Almaty, Kazakhstan)
22-23Apr. 2009	Co-organized a Kickoff Meeting for ASEAN Cooperation Project, Capacity Building for Local Government Officials in Disaster Management ( Manila, Philippines )
27-28 Apr. 2009	Co-organized a Kickoff Meeting for ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Bangkok, Thailand )
28-29 Apr. 2009	Participated in the 4th meeting of Working-Group on Disaster Prevention and Preparedness of WMO Typhoon Committee ( Seoul, Korea)
28-29 Apr. 2009	Participated in Regional Workshop of ERRP ( Islamabad, Pakistan)
14 May 2009	Co-organized the First Coordination Meeting for Cooperation Project "Promotion of Disaster Education in Schools" (Bali, Indonesia)
18-22 May 2009	Participated in ASEAN Visioning Workshop on AADMER ( Bali, Indonesia)
21-22 May 2009	Co-organized a Kickoff Meeting for ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Bandar Seri Begawan, Brunei)
27-28 May 2009	Co-organized a Kickoff Meeting for ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Putrajaya, Malaysia)
28-29 May 2009	Participated in the ASEM (Asia-Europe Meeting) Workshop (Chengdu, China)
3-12 Jun. 2009	Participated in the 52nd United Nations Committee on Peaceful Uses of Outer Space (COPUOS), and Signed the Cooperation Agreement with United Nations Office of Outer Space Affairs (UNOOSA) on Establishment of ADRC UN-SPIDER Regional Support Office (RSO) ( Vienna, Austria)
8 Jun. 2009	H.E. Tsutomu Sato, Minister of State for Disaster Visited ADRC
10-12 Jun. 2009	Implemented Trainings in an ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Hanoi, Vietnam)
16-18 Jun. 2009	Implemented Trainings in an ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Phnom Penh, Cambodia)

15-19 Jun. 2009	Participation in the Global Platform (Geneva, Switzerland)
23 Jun. 2009	Co-organized the First Coordination Meeting for ASEAN Cooperation Project "Promotion of Disaster Education in Schools" (Bangkok, Thailand)
23-25 Jun. 2009	Implemented Trainings in an ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Vientiane Province, Laos)
1-9 Jul. 2009	Organized Kick-off Meetings on the web-based GLIDE Associated Disaster Database Development Project (Hanoi, Viet Nam, Singapore and Jakarta, Indonesia)
15-17 Jul. 2009	Participated in the Joint Project Meeting for Sentinel Asia ( Bali, Indonesia)
15-25 Jul. 2009	Participated in Preparatory Meeting for the Country Activity of ERRP (Pokhara, Nepal)
29-31 Jul. 2009	Co-organized ERRP-IRP Joint Regional Workshop (New Delhi, India)
11-14 Aug. 2009	Participated in the UNISDR Asian Partnership (IAP) Meeting and Related Events (Incheon, Korea)
17-18 Aug. 2009	Co-organized the Workshop in an ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Bangkok, Thailand)
17-19 Aug. 2009	Implemented the JICA Grassroots Technical Cooperation Project "NGO Training for Disaster Risk Reduction (Kuala Lumpur, Malaysia)
19-20 Aug. 2009	Participated in the ACDM Working Group Meeting on Risk Assessment, Monitoring and Early Warning (Singapore)
8-11 Sep. 2009	Organized Workshop on "Earthquake Risk Evaluation Standards" and "Retrofitting Standards"(Thimphu, Bhutan)
14-15 Sep. 2009	Participated in a Workshop on the Recovery from 2008 Sichuan Earthquake in Rural Cities (Sichuan, China)
4-8 Oct. 2009	Implemented a Research on Damage of 2009 Sumatra Earthquake (Padang, Pariaman and Padang-Pariaman, Indonesia)
7-8 Oct. 2009	Participated in the 4th ECO International Conference on Disaster Risk Management ( Dushanbe, Tajikistan)
10-18 Oct. 2009	Participated in an Pull Down Experiment (Not-retrofitted Building) ( Kathmandu, Nepal)
28-30 Oct. 2009	Participated in the International Conference on the Social Mobilization Mechanism for Catastrophic Disasters and the Formulation of Emergency Laws and Regulations, (Beijing, China)
30 Oct. -5 Nov. 2009	Participated in an Pull Down Experiment (Retrofitted Building) ( Kathmandu, Nepal)
3-5 Nov. 2009	Co-organized an IRP Regional Workshop (Yogyakarta, Indonesia)
17-19 Nov. 2009	Implemented a Training in an ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Bandar Seri Begawan, Brunei)
17-26 Nov. 2009	Implemented the DRR Policy Peer Review Project ( Bangkok, Thailand and Paro, Bhutan)
1-3 Dec. 2009	Implemented Follow-up Survey on Emergency Observation by Satellite (Manila, Philippines)
7-12 Dec. 2009	Implemented an ERRP Regional Workshop and a Technical Assistance Service (Dhaka, Bangladesh)
13-14 Dec. 2009	International Forum on Tornado Disaster Risk Reduction for Bangladesh ( Dhaka, Bangladesh)
21-22 Dec. 2009	Organized Training for Hazard-mapping (Luangnamtha, Laos)
17-19 Jan. 2010	Co-organized the Asian Conference on Disaster Reduction (ACDR) 2010 with the Government of Japan, and UNISDR attracting 238 participants and 53 organizations from 28 countries (Kobe, Japan)
25-29 Jan. 2010	Participated in Typhoon Committee (Singapore)
26-29 Jan. 2010	Participated in Asia-Pacific Regional Space Agency Forum (APRSAP) (Bangkok, Thailand)
25 Jan-2 Feb. 2010	Organized Training for Hazard-Mapping (Kampong Chhnang, Pursat, Kampong Thom: Cambodia)
9-11 Feb. 2010	Participated in the Committee on the Peaceful Uses of Outer Space COPUOS (Vienna, Austria)
20 Feb-2 Mar. 2010	Organized Training for Hazard-Mapping (Bangkok, Thailand)
1-2 Mar. 2010	Co-organized Training for Teachers for ASEAN Cooperation Project "Promotion of Disaster Education in Schools" (Jogjakarta, Indonesia)
1-4 Mar. 2010	Implemented Follow-up Survey on Emergency Observation by Satellite (Hanoi, Vietnam)
3-6 Mar. 2010	Organized Training for Hazard-Mapping (Pasig, Philippines)
8 Mar. 2010	Participated in Sentinel ASIA Step 2 Node Meeting (Bangkok, Thailand)
10-12 Mar. 2010	Participated in ASEAN Committee on Disaster Management (Singapore)
23-25 Mar. 2010	Participated in UNISDR Asia Partnership (IAP) meeting (Bangkok, Thailand)
24-27 Mar. 2010	Co-organized Training for Teachers for ASEAN Cooperation Project "Promotion of Disaster Education in Schools" (Jogjakarta, Indonesia)
25-26 Mar. 2010	Participated in Workshop on Civil-Military Disaster Assistance (Tokyo, Japan)
25-26 Mar. 2010	Implemented Workshop in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Thua Thien Hue, Vietnam)
27 Apr. 2010	Participated 3rd Consultative Meeting on Establishment of Regional Disaster Preparedness and Response Coordination Centre in Central Asia (Almaty, Kazakhstan)
5-6 May 2010	Participated in CAG-CSIS-APEC Roundtable "Asia Regionalism: Responding to Climate Change and Natural Disasters" (Singapore)

17-18 May 2010	Participated in 21st Meeting of Sub-committee on Space Technology and Applications (SCOSA) ( Vientiane, Lao PDR)
20 May 2010	Participated in ASEAN Agreement on Disaster Management and Emergency Response (AADMER) Partnership Conference ( Makati City, Philippines)
23-27 May 2010	Implemented Research on Sichuan Earthquake Recovery (Sichuan, China)
7-8 Jun. 2010	Implemented Community DRR Training in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Bandar Seri Begawan, Brunei )
17-18 Jun. 2010	Participated in Orientation Training on Use of DRR Project Portal organized under UNISDR Asia Partnership (IAP) Initiative (Bangkok, Thailand)
23-24 Jun. 2010	Organized Kick-off Meeting in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" ( Nay Phi Taw, Myanmar)
1-2 Jul. 2010	Co-organized Technical Workshop for Regional Roadmap for Promoting Regional Cooperation on Disaster Risk Reduction and Climate Change Adaptation (Bangkok, Thailand)
5-8 Jul. 2010	Co-organized Sentinel Asia Joint Project TEAM Meeting (Manila, Philippines)
13-16 Jul. 2010	Organized Kick-off Meeting in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Jakarta, Indonesia)
16-23 Jul. 2010	Implemented Training in ASEAN Cooperation Project "Capacity Building of Utilization of Satellite Image for Disaster Management" (Vientiane, Laos)
19-20 Jul. 2010	Organized Workshop in ASEAN Cooperation Project (Capacity Building of Utilization of Satellite Image for Disaster Management) (Songkla, Thailand)
11-13 Aug. 2010	Participated in ISDR Asian Partnership Meeting (Preparations for 4th AMCDRR) (Incheon, Republic of Korea)
11-20 Aug. 2010	Implemented Training in ASEAN Cooperation Project "Capacity Building of Utilization of Satellite Image for Disaster Management" (Bangkok, Thailand)
13 Aug. 2010	Organized ADRC Steering Committee (Incheon, Republic of Korea)
17-25 Aug. 2010	Implemented Research on GLOF (Glacial Lake Outburst Floods) (Bhutan)
27 Aug. -3 Sep. 2010	Implemented Training in ASEAN Cooperation Project "Capacity Building of Utilization of Satellite Image for Disaster Management" (Manila, Philippines)
30-31 Aug. 2010	Implemented Workshop in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Kohn Kaen, Thailand)
30 Aug. -1 Sep. 2010	Participated in ASEAN Plus Three International Conference on Disaster Management (Tokyo, Japan)
7 Sep. 2010	Implemented Kick-off Meeting in ASEAN Cooperation Project, "Development of web-based GLIDE Associated Disaster Event Databases" (Phnom Penh, Cambodia)
15-17 Sep. 2010	Participated in Japan-U.S. Sister Cities Workshop for Natural Disaster Preparedness and Response (Seattle, U.S.A.)
16 Sep. 2010	Participated in UNESCAP Preparatory Meeting for High-level Expert Group Meeting towards Developing Roadmap to Reduce Flood Disaster Risks in Pakistan (Nanjing, China)
16-17 & 27-28 Sep., 7-8 Oct. 2010	Implemented Workshop in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Cebu/Davao/Manila, Philippines)
21-23 Sep. 2010	Implemented Training on Community-based Disaster Risk Management in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management"(Kuala Lumpur, Malaysia)
22-23 Sep. 2010	Participated in International Symposium on Earthquake Reconstruction & Catastrophic Disaster Control (Chengdu, China)
28 Sep. -2 Oct. 2010	Participated in Workshop on Earthquake Disaster Risk Reduction for West Sumatra (Padang, Indonesia)
6-11 Oct. 2010	Implemented Kick-off Meeting in ASEAN Cooperation Project, "Development of web-based GLIDE Associated Disaster Event Databases" (Yangon, Myanmar/ Jakarta, Indonesia)
5 Oct. 2010	Participated in Meeting "Global Dialogue on Post-Disaster Recovery and Reconstruction Planning" (Washington DC, U.S.A.)
19 Oct. 2010	Implemented First Coordination Meeting in ASEAN Cooperation Project, "Promotion of Disaster Education in Schools" (Laos)
17-23 Oct. 2010	Implemented Training in ASEAN Cooperation Project "Capacity Building of Utilization of Satellite Image for Disaster Management" (Phnom Penh, Cambodia)
25-28 Oct. 2010	Participated in 4th Asian Ministerial Conference on Disaster Risk Reduction (4th AMCDRR) (Incheon, Republic of Korea)
5-10 Nov. 2010	Field Survey of Tsunami Stricken Areas in Mentawai Islands (West Sumatra, Indonesia)
25-26 Nov. 2010	Participated in 17th Session of Asia-Pacific Regional Space Agency Forum (APRSAP-17) (Melbourne, Australia)
1-9, 18-22 Dec. 2010	Implemented Researches etc. in Project on Transfer of Disaster Management Measures of Japan to Enhance DRR Capacity in Asia 2010 (Mongol/Indonesia)
2-5 Dec. 2010	Organized Preparation Meeting for ACDR2011 (Colombo, Indonesia)
5-10, 12-16 Dec. 2010	Implemented Researches in ADRC Peer Review Project (Ulaanbaatar, Mongol/ Dhaka and Noakhali, Indonesia)
7 Jan. 2011	Implemented Preparatory Meeting in ASEAN Cooperation Project, "Capacity Building for Local Government Officials in Disaster Management" (Nay Phi Taw, Myanmar)
17-22 Jan. 2011	Participated in 43rd Session UNESCAP/WMO Typhoon Committee (Jeju, Republic of Korea)
1-2 Feb. 2011	Implemented Workshop in ASEAN Cooperation Project "Capacity Building of Utilization of Satellite Image for Disaster Management" (Bangkok, Thailand)
9-12 Mar. 2011	Implemented Training in ASEAN Cooperation Project, "Promotion of Disaster Education in Schools" (Vientiane, Laos)
29-31 Mar. 2011	Participated in UNISDR Asia Partnership (IAP) Meeting (Jakarta, Indonesia)
8-13 May 2011	Participating in third Session of the Global Platform for Disaster Risk Reduction and the World Reconstruction Conference (Geneva , Switzerland)
9-10 May 2011	Participated in the 22nd meeting of sub-committee on space technology and applications (SCOSA) (Siem Reap, Cambodia)

26 May - 4 Jun. 2011	Implemented workshop in Japan-ASEAN Integration Fund Project (Capacity Building of Utilization of Satellite Image for Disaster Management) (Bandar Seri Begawan, Brunei Darussalam)
13-15 Jun. 2011	Organized the Asian Conference on Disaster Reduction (Colombo, Sri Lanka)
27-29 Jun. 2011	Participated in UNESCAP Expert Group Meeting and UNESCAP Committee on Disaster Risk Reduction (Bangkok, Thailand)
14-16 Jul. 2011	Organized Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia (Banda Aceh, Indonesia)
28-29 Jul. 2011	Participated in APEC Workshop on Facing Abnormal Flood Disaster: New Vision for APEC Member Economies (Da Nang, Vietnam)
29 Aug. -1 Sep. 2011	Implemented study on the use of ICT for disaster preparedness and response (Hanoi, /Hue/ Ho Chi Minh, Vietnam)
6-8 Sep. 2011	Participated in ISDR Asia Partnership meeting (Pattaya, Thailand)
26-27 Sep. 2011	Organized workshop on Capacity Building of Local Government Officials on Disaster Management (Yangon, Myanmar )
3-21 Oct. 2011	Conducted interview survey on DRR in the Pacific Countries (Papua New guinea/ Samoa )
18-21 Oct. 2011	Participated in seminar on East-Asia Earthquake Studies (Beijing, China )
27 Oct. 2011	Participated in Conference, "Disaster Management and the Impact of Climate Change" ( Jakarta, Indonesia )
27-28 Oct. 2011	Participated in Shanghai Forum on Disaster Prevention, Post-Disaster Reconstruction and International Cooperation: Learning from both Japanese and Chinese Experiences ( Shanghai, China)
27-29 Oct. 2011	Participated in Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia (Jakarta, Indonesia )
31 Oct. -1 Nov. 2011	Participated in Indonesia-ERIA-Harvard Symposium on "Moving ASEAN Community Forward into 2015 and Beyond" ( Jakarta, Indonesia )
31 Oct. -2 Nov. 2011	Participated in Integrated Research on Disaster Risk (IRDR) 2011 (Beijing, China )
7-8 Nov. 2011	Participated in International Workshop on Emergency Management (Taipei, Taiwan )
10 Nov. 2011	Participated in International Conference on Disaster Risk Reduction Legislation and Policy ( Incheon, Korea )
14-16 Nov. 2011	Participated in 2nd Safety Conference, Qatar Vision 2030 "Century Challenges" (Doha, Qatar )
22 Nov. 2011	Participated in United Nations International Conference on Space-based Technologies for Disaster Risk Management (Beijing, China)
9 Dec. 2011	Participated in workshop on Business Continuity Plan and Emergency Preparedness on the Large-Scale Urban Earthquake (Taipei, Taiwan )
5-9 Dec. 2011	Participated in the 18th session of the Asia-Pacific Regional Space Agency Forum (Singapore)
13-14 Dec. 2011	Organized GLIDE operator training for disaster database development (Brunei)
27-29 Jan. 2012	Organized workshop on Capacity Building of Local Government Officials on Disaster Management (Jakarta, Indonesia )
6-7 Feb. 2012	Participated the 49th Session of UN-COPUOS and 3rd UN-SPIDER Regional Support Offices (RSO) Meeting (Vienna, Austria)
14-16 Feb. 2012	Organized workshop on Capacity Building of Local Government Officials on Disaster Management (Kuala Lumpur, Malaysia)
11-17 Feb. 2012	Implemented ADRC's DRR Policy Peer Review (Dushanbe, Tajikistan)
20-24 Feb. 2012	Lectured in the 8th Sentinel Asia System (SAS) Operation Training (Bangkok, Thailand)
24-25 Feb. 2012	Glacial Lake Outburst Floods (GLOF) project in Bhutan
8-9 Mar. 2012	Seminar on Disaster Risk Management in Asia
12 Mar. 2012	ADB-NEAR Joint Conference Lessons from Japan: Is Japan Korea's Future?
19-20 Mar. 2012	International Seminar on "Disaster and Environmental Management"
21-22 Mar. 2012	The Workshop on Use of Multi-Global Navigation Satellite Systems
28-30 Mar. 2012	Training on Disaster Recovery Planning
9-11 Apr. 2012	ISDR Asia Partnership Meeting
2 May 2012	Minister of State for Disaster Management Visited ADRC and International Disaster Management Institutions in HAT Kobe
3 May 2012	Roundtable on Business Continuity Planning Between the Philippine Private Sector and United Nations International Strategy for Disaster Reduction
7-9 May 2012	Workshop on Recovery Planning for Honduras and El Salvador
14-15 May 2012	Asia Public Policy Forum "Disaster Management in Asia"
14-16 May 2012	Forum and research on Sichuan Earthquake Recovery
30-31 May 2012	ADRC participated in the 7th Meeting of Typhoon Committee Working Group on Disaster Risk Reduction
26-27 Jun. 2012	2nd Regional Workshop of ASEAN Cooperation Project on Utilization of Space Based technology for Disaster Risk Management
7-9 Aug. 2012	ISDR Asia Partnership Meeting
30 Aug. 2012	Sentinel Asia Data Provider Node Meeting on Step3
1-5 Oct. 2012	The 9th Sentinel Asia System (SAS) Operation Training in Jakarta
19-21 Sep. 2012	Workshop on Stock-taking and Ways Forward in Capacity Development for Making Cities Resilient
22-25 Oct. 2012	The Fifth Asian Ministerial Conference on Disaster Risk Reduction (5th AMCDRR) in Yogyakarta, Indonesia
14-16 Nov. 2012	The 5th Sentinel Asia Joint Project Meeting (JPTM)
26-27 Nov. 2012	7th Integrated Workshop of the Typhoon Committee
11-14 Dec. 2012	Research on the Utilization of Satellite Image in Asia-Pacific Countries

14 Dec. 2012	Minister of Emergency Situations of the Republic of Uzbekistan visited ADRC
14-21 Dec. 2012	ADRC DRR Policy Peer Review FY2012 (Armenia)
18-19 Dec. 2012	ASEAN Cooperation Project: Capacity Building of Local Government Officials on Disaster Management Regional Workshop 2012
18-19 Dec. 2012	Research on the Utilization of Satellite Image in Asia-Pacific Countries (Part 2)
14-15 Jan. 2013	Research on the Utilization of Satellite Image in Asia-Pacific Countries (Part 3)
23 Jan. 2013	Organized the Asian Conference on Disaster Reduction (Kobe, Japan)
27-29 Jan. 2013	45th Session of the Typhoon Committee
4-5 Feb. 2013	Research on the Utilization of Satellite Image in Asia-Pacific Countries (Part 4)
11-13 Feb. 2013	The 50th Session of UN-COPUOS and the 4th UN-SPIDER Regional Support Offices (RSO) Meeting
18-20 Feb. 2013	Workshop on Disaster Recovery Planning in Algeria
24 Feb. -1 Mar. 2013	ADRC DRR Policy Peer Review FY2012 (Tajikistan)
5-7 Mar. 2013	Workshop on Space Applications for Disaster Risk Reduction and Management and Second Workshop on Use of Multi-Global Navigation Satellite Systems for Sustainable Development
10-13 Apr. 2013	Workshop on Recovery Planning for SAARC
29 Apr. -1 May 2013	Workshop on Recovery Planning for GCC Member States
8-9 May 2013	IRP/ ADRC Attends International Forum on Recovery and Reconstruction of Sichuan Earthquake, China.
8-9 May 2013	Workshop on Standard Operating Procedures for Coastal Multi-hazards Early Warning System
21-23 May 2013	Global Platform for Disaster Risk Reduction 4th Session
29-30 May 2013	ADRC participated in the 8th Meeting of Typhoon Committee Working Group on Disaster Risk Reduction
2-4 Jul. 2013	Consultation Workshop on Developing Capacity Building Strategy through the Establishment of Disaster Management Training Center in Myanmar
29 Jul. -3 Aug. 2013	Disaster Recovery Planning Workshops in the Horn of Africa
8-9 Sep 2013	ADRC participated in the First Saudi International Conference on Crisis and Disaster Management
25-27 Sep. 2013	Workshop on Recovery Planning for South Sudan
15-17 Oct. 2013	Workshop on Disaster Recovery Framework for Makati City, Philippines
23-25 Oct. 2013	Disaster Recovery Planning Workshop for Lebanon
5-7 Nov. 2013	2nd Meeting of the ISDR Asia Partnership for 2013
5-7 Nov. 2013	ASEAN Workshop on Recovery Planning
14-15 Nov. 2013	"Promotion of Disaster Education in Schools" Project in Laos
27-29 Nov. 2013	The 1st Sentinel Asia Joint Project Meeting Step-3 (JPTM)
27-29 Nov. 2013	The third session of the Committee on Disaster Risk Reduction of UNESCAP in Bangkok, Thailand.
1-5 Dec. 2013	ADRC participated in 8th Integrated Workshop of the Typhoon Committee
18-21 Dec. 2013	ADRC/IRP Dispatched Survey Team to the Typhoon-affected areas in the Philippines
23-29 Dec. 2013	ADRC DRR Policy Peer Review FY2013 (Maldives)
10-13 Feb. 2014	46th Session of the Typhoon Committee
13-14 Feb. 2014	The 5th UN-SPIDER Regional Support Offices (RSO) Meeting
17-18 Feb. 2014	Co-chairmanship of Asia-Pacific Economy Cooperation (APEC) Emergency Preparedness Working Group (EPWG) in the 6th APEC EPWG Meeting
19-21 Feb. 2014	Workshop on Recovery Planning for Local Governments Impacted by Typhoon Haiyan
23 Feb. -1 Mar. 2014	ADRC DRR Policy Peer Review FY2013 (Armenia)
4-6 Mar. 2014	Organized the Asian Conference on Disaster Reduction (Tokyo, Japan)
19 Mar. 2014	IRP/ ADRC Attends International Seminar on Crisis Response in Australia
15-16 Apr. 2014	The ASEAN workshop on 'Development of mechanisms for acquisition and utilization of space-based information during emergency response'
22-24 Apr. 2014	UNISDR Asia Partnership (IAP) Meeting
12-14 May 2014	Workshop on Recovery Planning for the State of Qatar
26-27 May 2014	ADRC participated in the 9th Meeting of Typhoon Committee Working Group on Disaster Risk Reduction
4-5 Jun. 2014	Participation in the 7th ECO International Conference on Disaster Risk Management
4-6 Jun. 2014	IRP/ ADRC Attends ASEM Manila Conference on Disaster Risk Reduction and Management "Post-Haiyan - A Way Forward" in the Philippines
16-17 Jun. 2014	Workshop on the Business Case for Disaster Risk Reduction (Manila)
22-27 Jun. 2014	6th Asian Ministerial Conference on Disaster Risk Reduction
30 Jun. -2 Jul. 2014	Toulouse Space Show
11-12 Aug. 2014	APEC Senior Disaster Management Officials Forum (8th SDMOF)
14 Aug. 2014	ADRC/IRP Attends "ASEAN High-Level Conference on Assistance for the Recovery of Yolanda-Affected Areas (ARYA)" in the Philippines
23-30 Aug. 2014	SATREPS Chile Project
10-12 Sep. 2014	ADRC's Collaboration with the World Bank - ADRC and IRP Participated in "the 2nd World Reconstruction Conference" -
18-19 Sep. 2014	2nd Regional Ministerial Conference of Disaster Management Authorities in Central Asia under the "Central Asia plus Japan" Dialogue
23-25 Sep. 2014	UNESCAP/JAXA Policy Makers' Dialog and Capacity Development for Disaster Risk Reduction and Disaster Management in the Asia-Pacific: Harnessing Information and Space Technology and Geographic Information Systems
11-18 Oct. 2014	ADRC DRR Policy Peer Review FY2014 (Armenia)

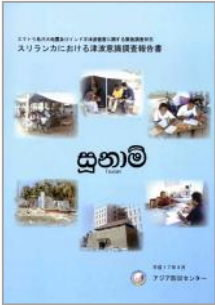
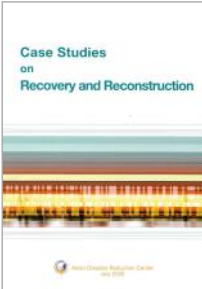
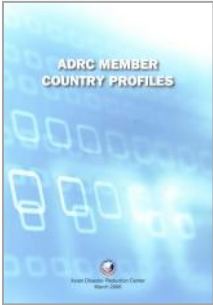

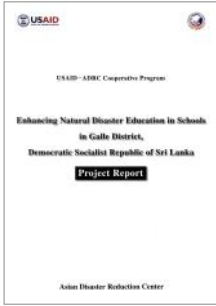
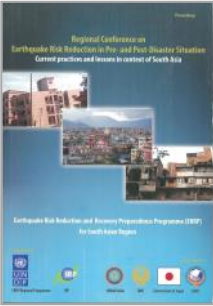
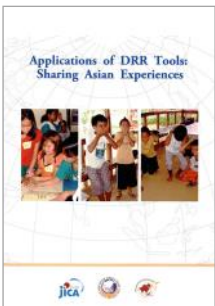

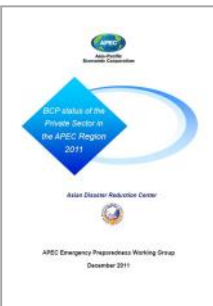

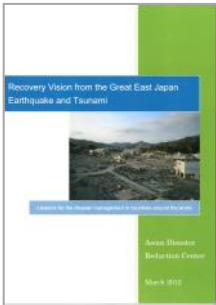

20-24 Oct. 2014	ADRC participates in 9th Integrated Workshop of the Typhoon Committee
26 Oct. -2 Nov. 2014	Research on Tsunami Disaster Awareness Among Residents of Indonesia
27-31 Oct. 2014	Participation in the 2014 International Training Workshop on Natural Disaster Reduction
3-5 Nov. 2014	Urban Risk and Disaster Recovery Workshop (Manila)
11-12 Nov. 2014	IRP Workshop for Central America and Intergovernmental Dialogue on Recovery Processes
18-21 Nov. 2014	JAXA/Myanmar Earthquake Committee 2nd Joint Project Meeting Team for Sentinel Asia STEP3 (JPTM2014)
2-4 Dec. 2014	UNISDR Asia Partnership (IAP) meeting
9-10 Dec. 2014	Stakeholders Consultation Workshop on Disaster Recovery Planning (Bangladesh)
13-21 Dec. 2014	ADRC DRR Policy Peer Review FY2014 (Bhutan)
5-6 Feb. 2015	6th UN-SPIDER Regional Support Offices (RSO) Meeting (Austria)
9 Feb. 2015	Japan-Sponsored Seminar and Reception at the 52nd Meeting of UN-COPUOS (Austria)
25 Feb. 2015	ADRC/IRP Participates in "Preparatory Meeting for Resilience Conference on Earthquake" in Metro Manila, the Philippines
15 Mar. 2015	Organized the Asian Conference on Disaster Reduction (Sendai, Japan)
20-21 Apr. 2015	ADRC/IRP Promotes and Implements Multilateral Cooperation on Disaster Reduction and Recovery through participation in the Indian Ocean Rim Association (IORA)-led International Conference in Tanzania
17-28 Apr. 2015	SATREPS Chile Project -Research Project on Enhancement of Technology to Develop Tsunami-Resilient Community-
25-27 May 2015	Workshop on Disaster Recovery Planning in Dhaka
3-5 Jun. 2015	UNISDR Asia Partnership (IAP) meeting (Thailand)
30 Jun. - 1 Jul. 2015	Preparatory meeting for Sentinel Asia Steering Committee (Singapore)
19-21 Aug. 2015	Workshop on Mainstreaming DRR-CCA into Development Policies and Planning (Philippines)
9 Sep. 2015	8th GEOSS Asia-Pacific Symposium (China)
18-19 Sep. 2015	APEC Workshop on community-based disaster risk management in response to climate change (Vietnam)
22-23 Sep. 2015	APEC The 9TH Senior Disaster Management Officials Forum (Philippines)
22 Oct. 2015	"Promotion of Disaster Education in Schools" in Malaysia
28 Oct. 2015	APEC Workshop on Application of Big Data and Open Data to Emergency Preparedness Phase 1 (EPWG 01 2014A) (Taiwan)
13-15 Oct. 2015	The First Steering Committee (FSC) Meeting of the Sentinel Asia Step 3 (Thailand)
10 Nov. 2015	International Recovery Platform Steering Committee Meeting
17-19 Nov. 2015	UNISDR Asia Partnership (IAP) meeting (India)
30 Nov. – 4 Dec. 2015	Sentinel Asia Initiative Tsunami Working Session and the 22nd Session of the Asia-Pacific Regional Space Agency Forum (APRSF-22)
24 Dec. 2015	"Promotion of Disaster Education in Schools" in Malaysia
19-21 Jan. 2016	Third Joint Project Meeting Team for Sentinel Asia STEP3 (JPTM2016) in Colombo 19 - 21 January, 2016 (Colombo, Sri Lanka)
20-21 Feb. 2016	Participation in APEC the 9th Emergency Preparedness Working Group Meeting (Peru)
25-26 Feb. 2016	Organized the Asian Conference on Disaster Reduction (Phuket, Thailand)
20-22 Mar. 2016	Implementation of The policy peer review 2015 for the "Nationwide Promotion of the Sendai Framework for Disaster Risk Reduction in Philippines
29 Apr. 2016	Support to holding of Pre-Disaster Recovery Planning Orientation Workshop (Philippines)
17-18 May 2016	Build-Back-Better through Pre-Disaster Recovery Planning: An Orientation Workshop (Malaysia)
24-27 May 2016	Participation in the 11th Meeting of Typhoon Committee Working Group on Disaster Risk Reduction (Korea)
6 Jun. 2016	Participation in 7th UN-SPIDER Regional Support Offices (RSO) Meeting (Austria)
15-18 Aug. 2016	Participation in APEC Emergency Preparedness Working Group and other relevant meetings (Peru)
19-22 Sep. 2016	Participation in 6th Annual UN-SPIDER Conference and Visit to Relevant Organizations (China)
22 Sep. 2016	Joint implementation of Workshop on Tsunami Disaster Risk Reduction (Thailand)
8-9 Oct. 2016	Participation in 10th APEC Senior Disaster Management Officials Forum (Peru)
24-26 Oct. 2016	Participation in 11th Integrated Workshop of Typhoon Committee (Philippines)
3-5 Nov. 2016	Participation in Asian Ministerial Conference on Disaster Risk Reduction and its pre-conference (India)
4 Nov. 2016	Coordination of a session on "Build Back Better" at the 7th AMCDRR (India)
16-17 Nov. 2016	Participation in 23rd Session of the Asia-Pacific Regional Space Agency Forum (APRSF-23) (Philippines)
17-18 Nov. 2016	Participation in Regional Forum on Post-Disaster Recovery (Philippines)
19-20 Jan. 2017	Participation in 2nd Steering Committee Meeting of Sentinel Asia (Thailand)
18-19 Feb. 2017	APEC Emergency Preparedness Working Group (Viet Nam)
6-8 Mar. 2017	IRP/ADRC Participated in the 8th Asian Safe Community Conference (Iran)
9-11 Mar. 2017	ADRC/IRP Co-facilitated a Workshop on Local Implementation of the Sendai Framework (Iran)


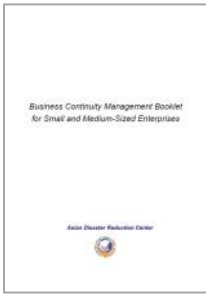



5-7 Apr. 2017	UNISDR Asia Partnership (IAP) Meeting (Mongolia)
22-26 May 2017	IRP/ADRC Engagement at the 2017 Global Platform for Disaster Risk Reduction (Mexico)
30-31 May 2017	The 12th Annual Meeting of the Working Group on Disaster Risk Reduction by the UNESCAP/WMO Typhoon Committee (Republic of Korea)
6-8 Jun. 2017	RP Engagement at the Third World Reconstruction Conference (WRC3) (Belgium)
21-22 Aug. 2017	APEC Emergency Preparedness Working Group (Viet Nam)
20-23 Sep. 2017	Participation in 11th APEC Senior Disaster Management Officials Forum (Viet Nam)
2-3 Oct. 2017	Organized the Asian Conference on Disaster Reduction (Baku, Azerbaijan)
12 Oct. 2017	Participation in the 2017 Joint Workshop on Networking for Environmental Sustainability Cooperation in East Asia entitled "Reflection and improvement on transnational networking for Environmental sustainability cooperation in East Asia" (Republic of Korea)
24-26 Oct. 2017	ADRC Participated in the 7th Annual UN-SPIDER Conference and Visited Relevant Organizations (China)
4-5 Nov. 2017	Participation in the meeting entitled "Constructing A Community of Shared Future in East Asia: China, Japan and South Korean Search for Social Reconciliation and Cooperation" (China)
14-17 Nov. 2017	24th Session of the Asia-Pacific Regional Space Agency Forum (APRSAF-24) (India)
14-15 Dec. 2017	UNISDR Asia Partnership (IAP) Meeting (Thailand)

## Annex 3: Main Publications

<p><b>Community-based Flood Mitigation Project: The Case Study of Bandung City, Indonesia (2001)</b></p>	<p><b>Information Technology for Disaster Management (2002)</b></p>	<p><b>Report: Regional Workshop on Total Disaster Risk Management (TDRM) (2002)</b></p>
 <p>By ADRC, Govt. of Indonesia, ITB</p>	 <p>by ADRC, JST</p>	 <p>by UN OCHA, ADRC</p>
<p><b>Report: Regional Workshop on Networking and Collaboration among Non-Governmental Organizations of Asian Countries in Disaster Reduction and Response (2002)</b></p>	<p><b>Living with Risk: Preliminary Version (2002)</b></p>	<p><b>Training on Supply Management [SUMA] and Logistics Management of Humanitarian Supplies-Manila (2003)</b></p>
 <p>by UN OCHA, ADRC</p>	 <p>by UNISDR, WMO, ADRC</p>	 <p>by ADRC, NDCC (Gov. of Philippines), WHO</p>
<p><b>Report: International Training Program on Total Disaster Risk Management (2003)</b></p>	<p><b>Report: The International Conference on Total Disaster Risk Management (TDRM) (2003)</b></p>	<p><b>New International Strategies for Disaster Reduction (2004)</b></p>
 <p>by UN OCHA, ADRC</p>	 <p>by UN OCHA, ADRC</p>	 <p>by ADRC</p>
<p><b>Study on the Current Situation and Issues Regarding Disaster Reduction Activities for the Promotion of International Cooperation (2004)</b></p>	<p><b>Analytical Report on Natural Disasters in the World &amp; International Disaster Reduction Activities (2004)</b></p>	<p><b>Study on the Current Situation and Issues Regarding Disaster Reduction Activities for the Promotion of International Cooperation (2004)</b></p>
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>

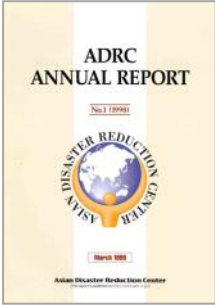

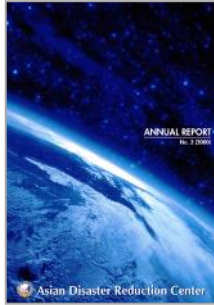

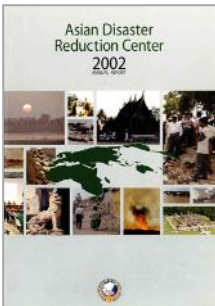
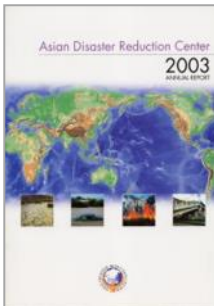
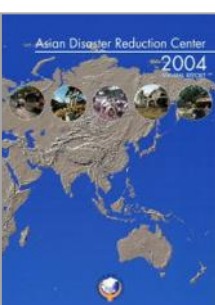
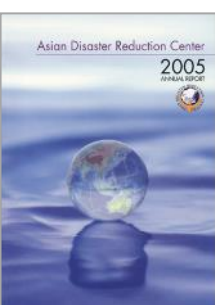
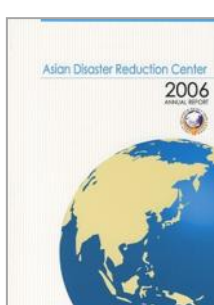
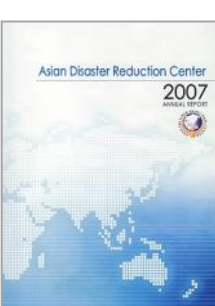
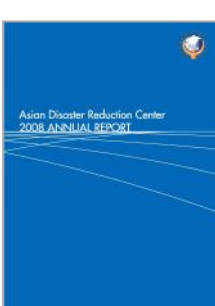
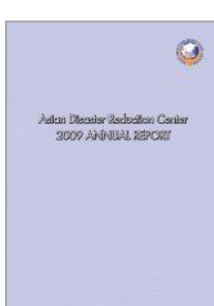
Report of the Survey on Tsunami Awareness in Sri Lanka (2005)	Case Studies on Recovery and Reconstruction (2005)	ADRC Member Country Profile (2005)
 <p>by ADRC</p>	 <p>by ADRC, DRA (Disaster Reduction Alliance)</p>	 <p>by ADRC</p>
Promoting Public Private Partnership on DRR - Japanese Cases—(2007)	Report: USAID-ADRC Cooperative Program-Enhancing Natural Disaster Education in Schools in Galle District, Sri Lanka (2007)	Proceeding: Regional Conference on Earthquake Risk Reduction in Pre- and Post- Disaster Situation (2009)
 <p>by UNISDR, ADRC</p>	 <p>by USAID, ADRC</p>	 <p>by ERRP, IRP, NDMA (Gov. of India), SARRC, Gov. of Japan, ADRC</p>
Applications of DRR Tools: Sharing Asian Experiences (2009)	Joint Research on Assessment Methodology for Recovery Community Development (2009)	BCP Status of the Private Sector in the APEC Region 2011 (2011)
 <p>by JICA, ADRC, ADRRN (Asian Disaster Reduction and Response Network)</p>	 <p>by ADRC, DRI (Disaster Reduction and Human Renovation Institution), IRP, UNCRD</p>	 <p>by APEC, ADRC</p>
Great East Japan Earthquake Preliminary Observation (2011)	Recovery Vision from the Great East Japan Earthquake Tsunami (2012)	BCP Status of the SMEs in the Asia-Pacific Region 2012 (2012)
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by APEC, ADRC</p>

<p><b>DRR activity for School (KESIAPSIAGAN BENCANA BERBASIS SEKOLAH) (2012)</b></p>	<p><b>Business Continuity Management Booklet for Small and Medium Sized Enterprises (2013)</b></p>	<p><b>Preliminary Report: 2016 Kumamoto Earthquake Survey (2016)</b></p>
		
<p>by JICA, JST, ADRC, TEMRC, COMPRESS, LIPI, RISTEK</p>	<p>by APEC, ADRC</p>	<p>by ADRC</p>

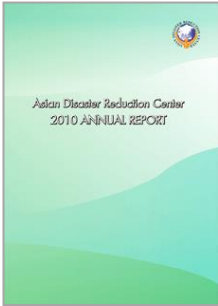
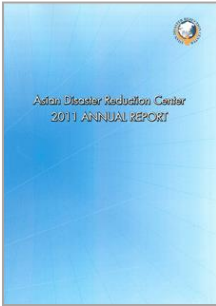
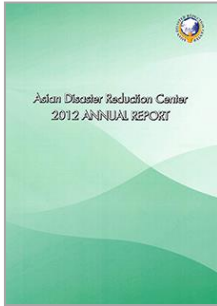
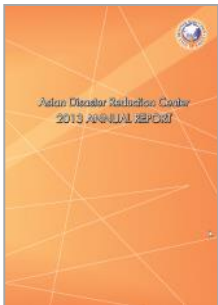
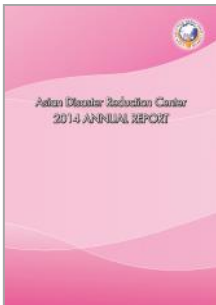
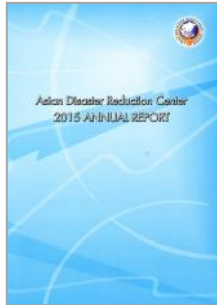
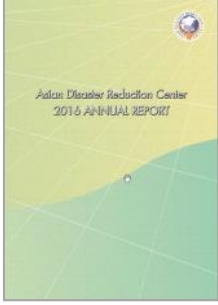


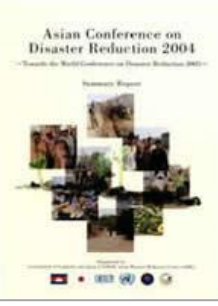

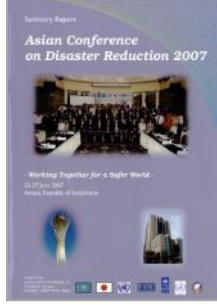
**Posters and Brochures**

<p><b>Earthquake DRR Poster</b></p>	<p><b>Tsunami Awareness Poster</b></p>	<p><b>Town Watching for DRR Poster &amp; Leaflet</b></p>	
			
<p>by ADRC</p>	<p>by Gov. of PNG, ADRC</p>	<p>by ADRC</p>	
<p><b>Tsunami Awareness Booklet : Inamura-no-hi (8 Asian Languages)</b></p>		<p><b>2011 Great East Japan Earthquake Poster</b></p>	
			
<p>by ADRC</p>		<p>by ADRC</p>	
<p><b>ADRC Brochure</b></p>		<p><b>GLIDE Leaflet</b></p>	
 <p>(1998-2004)</p>	 <p>(2005-2015)</p>	 <p>(2015-current)</p>	
<p>by ADRC</p>			

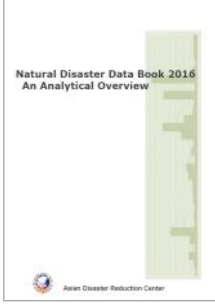
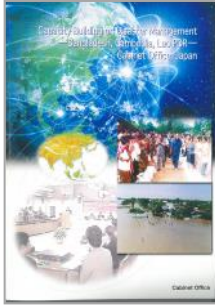
Periodical Publication

ADRC Annual Report 1998	ADRC Annual Report 1999	ADRC Annual Report 2000
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
ADRC Annual Report 2001	ADRC Annual Report 2002	ADRC Annual Report 2003
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
ADRC Annual Report 2004	ADRC Annual Report 2005	ADRC Annual Report 2006
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
ADRC Annual Report 2007	ADRC Annual Report 2008	ADRC Annual Report 2009
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>

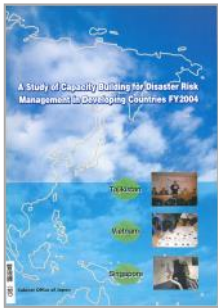
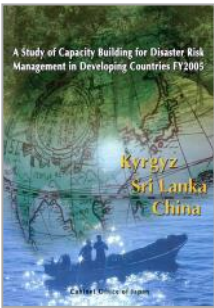
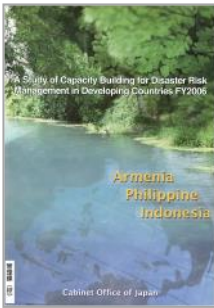
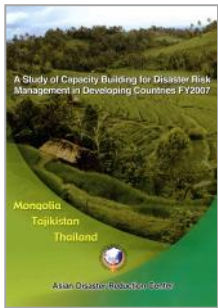
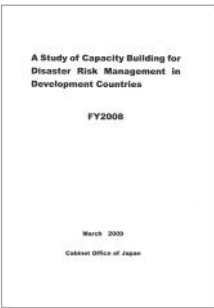
(A3) List of Publications

ADRC Annual Report 2010	ADRC Annual Report 2011	ADRC Annual Report 2012
 <p>Asian Disaster Reduction Center 2010 ANNUAL REPORT</p>	 <p>Asian Disaster Reduction Center 2011 ANNUAL REPORT</p>	 <p>Asian Disaster Reduction Center 2012 ANNUAL REPORT</p>
by ADRC	by ADRC	by ADRC
ADRC Annual Report 2013	ADRC Annual Report 2014	ADRC Annual Report 2015
 <p>Asian Disaster Reduction Center 2013 ANNUAL REPORT</p>	 <p>Asian Disaster Reduction Center 2014 ANNUAL REPORT</p>	 <p>Asian Disaster Reduction Center 2015 ANNUAL REPORT</p>
by ADRC	by ADRC	by ADRC
ADRC Annual Report 2016	ADRC International Symposium 1999 (Report)	Summary Report: Asian Conference on Disaster Reduction (ACDR) 2003
 <p>Asian Disaster Reduction Center 2016 ANNUAL REPORT</p>	 <p>アジア防災センター国際シンポジウム —アジア地域における国際防災協力の発展— Asian Disaster Reduction Center International Symposium Promoting Regional Cooperation in Disaster Reduction in Asia 報告書 DISASTER REDUCTION CENTER 1999年12月11日(土)15:00～17:00 ※ 会場は東京国際会議場 〒100-8302 東京都千代田区千代田1-1-1 ADRC 国際防災センター 〒100-8302 東京都千代田区千代田1-1-1 ADRC 国際防災センター</p>	 <p>Summary Report Asian Conference on Disaster Reduction 2003 Working with Risk: Towards Disaster Resilient Societies 15-17 January 2003 Singapore Sponsored by: ADRC, Asian Office of New Year Festival Asian Disaster Reduction Center (ADRC) Disaster Reduction Authority</p>
by ADRC	by ADRC	by ADRC
Summary Report ACDR2004	Summary Report ACDR2006	Summary Report ACDR2007
 <p>Asian Conference on Disaster Reduction 2004 —Towards the World Conference on Disaster Reduction 2005— Summary Report</p>	 <p>Summary Report Asian Conference on Disaster Reduction 2006 Promoting the Resilience for a Safer World 15-17 January 2006 Singapore Sponsored by: ADRC, Asian Office of New Year Festival Asian Disaster Reduction Center (ADRC) Disaster Reduction Authority</p>	 <p>Summary Report Asian Conference on Disaster Reduction 2007 Working Together for a Safer World 15-17 Jan 2007 Hanoi, Vietnam Sponsored by: ADRC, Asian Office of New Year Festival Asian Disaster Reduction Center (ADRC) Disaster Reduction Authority</p>
by ADRC	by ADRC	by ADRC


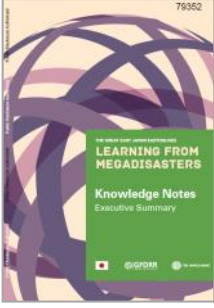


<p>Total Disaster Risk Management - Good Practices - (2005)</p>	<p>Total Disaster Risk Management Good Practices: 2006 Supplement</p>	<p>Total Disaster Risk Management Good Practices: 2007 Supplement</p>
<p>by ADRC</p>	<p>by ADRC</p>	<p>by ADRC</p>
<p>Total Disaster Risk Management Good Practices: 2008 Supplement</p>	<p>Total Disaster Risk Management Good Practices: 2009 Supplement</p>	<p>Data Book on Asian Natural Disasters in the 20th Century (2000)</p>
<p>by ADRC</p>	<p>by ADRC</p>	<p>by ADRC</p>
<p>20th Century (1901-2000) Data Book on Asian Natural Disasters Vol.2</p>	<p>Natural Disasters Data Book 2002</p>	<p>Natural Disasters Data Book 2003</p>
<p>by ADRC</p>	<p>by ADRC</p>	<p>by ADRC</p>
<p>Natural Disasters Data Book 2004</p>	<p>Natural Disasters Data Book 2005</p>	<p>Natural Disasters Data Book 2006</p>
<p>by ADRC</p>	<p>by UNISDR, ADRC</p>	<p>by ADRC</p>

Natural Disasters Data Book 2008	Natural Disasters Data Book 2009	Natural Disasters Data Book 2010
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
Natural Disasters Data Book 2011	Natural Disasters Data Book 2012	Natural Disasters Data Book 2013
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
Natural Disasters Data Book 2014	Natural Disasters Data Book 2015	Natural Disasters Data Book 2016
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
Human Resource Development Programme by ADRC	A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2002	A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2003
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>



<p>A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2004</p>	<p>A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2005</p>	<p>A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2006</p>
 <p>by ADRC</p>	 <p>by ADRC</p>	 <p>by ADRC</p>
<p>A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2007</p>	<p>A Study of Capacity Building for Disaster Risk Management in Developing Countries FY2008</p>	
 <p>by ADRC</p>	 <p>by ADRC</p>	

**Publications (Collaborated for writing, editing, compiling, etc.)**

<p>Sharing Japan's Experience in Natural Disasters (Anthology of Good Practices) (2005)</p>	<p>The Great East Japan Earthquake-- Learning from Mega disasters: Knowledge Note (2012)</p>	<p>Guidebook on SME Business Continuity Planning (2013)</p>
 <p>Gov't of Japan (Compiled by ADRC)</p>	 <p>by World Bank (Some chapters written by ADRC)</p>	 <p>by APEC (Supported by ADRC)</p>
<p>White Paper Disaster Management in Japan 2015 English Version (2016)</p>	<p>Casebook of Infrastructure Build Back Better from Natural Disasters (2018)</p>	
 <p>Gov't of Japan (Translated by ADRC)</p>	 <p>By APEC (Compiled by ADRC)</p>	

## Annex 4: List of Staff Members

Name	Duration of Tenure	Current (Final) Title	Remark
<b>Chairman</b>			
Masanori Hamada	2014.3-Current		
Shigeru Ito	1998.7-2014.3		
<b>Executive Director</b>			
Koji Suzuki	2018.4-Current		
Kyoko Kondo	2015.7-2018.3		
Kiyoshi Natori	2012.1-2015.7		
Atsushi Koresawa	2009.7-2012.1		
Koji Suzuki	2006.4-2009.6		
Masayuki Kitamoto	2004.7-2006.3		
Satoru Nishikawa	2001.7-2004.6	(2001.7-12 Vice Executive Director)	
Yujiro Ogawa	1998.7-2002.3	(2002.1-3 Special Advisor)	
<b>Research Department</b>			
Masaru Arakida	2000.5-Current	Senior Researcher	
Akiko Nakamura	2000.6-Current	Senior Researcher	
Miki Kodama	2000.9-Current	Senior Researcher	
Yumi Shiomi	2008.4-Current	Researcher	
Makoto Ikeda	2008.5-Current	Researcher	2005.10-2008.3 (dispatched from PASCO Corporation )
Takako Chinoi	2001.4-Current	Researcher	
Maki Yoshida	2002.4-2016.12	Researcher	
Etsuko Tsunozaki	2002.7-2009.3	Senior Researcher	
Akira Yamamoto	2008.10-2009.4	Senior Researcher	2005.8-2008.9 (dispatched from Obayashi Corporation)
Hajime Yokobori	2007.5-2008.2	Senior Expert	
Bambang Rudyanto	1999.12-2001.9	Senior Researcher	
Hirofuka Suzuki	1998.7-2000.3	Senior Researcher	
Aya Okumi	2002.4-2006.3	Staff	
Yumiko Honda	2002.1-2002.3	Staff	
Maya Yamaoka	1998.10-2000.5	Staff	
Aya Honda	1999.5-2000.7	Staff	
Mayumi Miki	1999.1-1999.3	Staff	
<b>Research Department (Dispatched from Hyogo Prefectural Government)</b>			
Seiji Otsuji	2018.4-Current	Researcher	
Kazuhito Ueda	2015.4-2018.3	Researcher	
Junji Moriwaki	2012.4-2015.3	Researcher	
Tetsuo Ibaraki	2009.4-2012.3	Senior Researcher	
Shuhei Tanaka	2007.4-2009.3	Senior Researcher	
Akihiro Teranishi	2004.4-2007.3	Senior Researcher	
Shingo Kochi	2003.4-2007.3	Researcher	
Fumiaki Yoshimura	2001.4-2004.3	Senior Researcher	
Masanori Araki	1999.4-2003.3	Researcher	
Masahiko Murata	1998.4-2001.3	Senior Researcher	
<b>Research Department (Dispatched from Private Companies)</b>			
Takeshi Nakao	2014.7-2016.6	Senior Researcher	Asia Air Survey Co., Ltd.
Masami Sugiura	2011.6-2014.5	Senior Researcher	Asia Air Survey Co., Ltd.
Takahiro Ono	2010.7-2012.6	Senior Researcher	Tokio Marine & Nichido Risk Consulting Co., Ltd. (TRC)
Makoto Fujieda	2009.7-2011.6	Senior Researcher	Tokyo Electric Power Services Co.,Ltd.
Yoshiaki Ogane	2008.7- 2010.6	Senior Researcher	TRC


Name	Duration of Tenure	Current (Final) Title	Remark
<b>Research Department (Dispatched from Private Companies) (Cont.)</b>			
Noburu Uchiyama	2008.7-2010.6	Senior Researcher	Shimizu Corporation
Naoki Yamaguchi	2008.6-2011.5	Senior Researcher	Asia Air Survey Co., Ltd.
Masato Ohori	2008.4-2010.5	Senior Researcher	Taisei Corporation
Hiroyuki Watabe	2006.7-2008.6	Senior Researcher	TRC
Kenpei Kojika	2006.6-2009.6	Senior Researcher	Tokyo Electric Power Services Co., Ltd.
Hajime Nakano	2005.10-2008.6	Senior Researcher	Osaka Gas Co., Ltd.
Takaaki Shiratori	2005.9-2008.3	Senior Researcher	Takenaka Corporation
Tetsushi Kurita	2003.6-2006.5	Senior Researcher	Tokyo Electric Power Services Co., Ltd.
Takuzo Ishii	2003.10-2005.9	Senior Researcher	Osaka Gas Co., Ltd.
Tomohiko Hatori	2002.2-2005.3	Senior Researcher	PASCO Corporation
Harumi Yashiro	2001.9-2003.8	Senior Researcher	Tokio Marine & Nichido Fire Insurance Co., Ltd.
Taichi Kusaka	1998.7-2001.7	Senior Researcher	Sumitomo Electric Industries, Ltd.
<b>Senior Administrative Managers/ Administrative Managers (Dispatched from Hyogo Prefectural Government)</b>			
Akihiro Shiomi	2017.4-Current	Senior Administrative Manager	
Yuji Sasaki	2014.4-2017.3	Senior Administrative Manager	
Kozo Arakawa	2011.4-2014.3	Senior Administrative Manager	
Masataka Onishi	2008.4-2011.3	Senior Administrative Manager	
Koichi Nagano	2005.4-2008.3	Senior Administrative Manager	
Kazuyuki Yoshinaga	2002.4-2005.3	Administrative Manager	
Ryosuke Aota	1998.4-2002.3	Administrative Manager	
<b>Administrative Department</b>			
Tae Watanabe	2003.4-Current	Administrative Manager	
Junko Fujinaka	2006.7-Current	Administrative Staff	
Ayako Fujimoto	2018.7-Current	Administrative Staff	
Katsura Kawaguchi	2008.1-2018.7	Administrative Staff	
Sonoko Tanaka	1999.6-2003.6	Administrative Staff	
Aya Ogikubo	1998.7-1999.6	Administrative Staff	
<b>Staff in charge of Network Administration</b>			
Shinobu Minakata	2015.4-Current	Staff	
Masatsugu Miyahara	2011.8-2015.3	Staff	
Aya Takada	2009.3-2011.8	Staff	
Takayuki Yamashita	2007.10-2009.3	Staff	
Chikako Yoshikawa	2006.6-2007.10	Staff	
Ayumi Shirasaka	2004.4-2006.3	Staff	
<b>Temporary Staff (in random order)</b>			
Srigowri Sanker, Sisira Colombage, Noriko Hasegawa, Fujiko Tatsumi, Miyoko Takahashi, Yumiko Honda, Chiyoko Kato, Sayumi Kaji, Namie Tsujigami, Makiko Nakatake, Mari Nishimoto, Nguyen Ngoc Huy, Noriko Aoki, Tsukasa Katsube, Mitsuyo Fuse, Sayaka Sowa, Yoko Saito Miyo Ueno, Pulman Natalya Adolfovna, Yoshiko Yamazaki, Tomomi Ikeda, Hisako Miyanaga, Tatsuya Kojima, Sei Kaitani, Yoko Yasuno, Hiroshi Ryugou, Akhmed Unggul Priantoro, Ahmad Farid, Zamani, Yusrizal Yusof, Akihiro Tsumura, Mikihiro Sekito, Kazuhiro Ninomiya, Ryo Inaba, Masaki Fujioka, Kazuyoshi Sono, Ayako Takahashi, Kamaruzaman Maamood, Akane Hayashi, Sun Rong, Li Chun Zhi, He Rui Jie, Shunsuke Daimatsu, Tomoe Yonetani, Mikio Nakabayashi, Nobuhide Taniyama, Kazumasa Yoshida, Eko Prabowo, Abdul Ghani, Hiroshi Nakamura, Yasuhiro Kumahara, Kentaro Kuwatsuka, Ichiro Sugishita, Hisao Kondo, Ai Ishikawa, In Pharida Wulansari, Jin Cheng De, Akiko Yamamoto, Hiroyuki Seki, Akinori Masahira, Naomi Kitta, Sisira Ediripullige, Masahiro Kondo			



## **Report of 20-Year History of ADRC**

Issued on October 2018

---

Asian Disaster Reduction Center (ADRC)  
5F 1-5-2 Wakinohamakaigan-dori, Chuo-ku, Kobe 651-0073, Japan  
TEL.078-262-5540 / FAX.078-262-5546  
E-mail: [rep@adrc.asia](mailto:rep@adrc.asia)  
URL: [www.adrc.asia](http://www.adrc.asia) /  <https://www.facebook.com/ADRC.KOBE>





**Asian Disaster Reduction Center**