
3-2. Database on Disaster Risk Reduction

3-2-1. Latest Disaster Information Database

ADRC has developed a database of information on recent disasters to its website, which is designed to serve as a clearinghouse for disaster information obtained from various sources since September 1998. Summaries with direct links to the original sources enable rapid search and retrieval of information.

The database provides a brief summary of disasters (dates, locations, and overviews), brief outlines of the damage sustained, links to information categorized by geographic data, emergency relief information, urgent reports from ADRC members, and graphic information. Such information is continually updated as additional information is released.

Figure 3-2-1-1 shows the structure of website with latest information of natural disasters. Table 3-2-1-1 is the list of major disasters in this year. The information originates mainly from announcements issued by disaster relevant organizations in ADRC member countries, UNOCHA ReliefWeb, the International Federation of Red Cross and Red Crescent Societies (IFRC), and the media. The latest disaster information site also includes links to relevant disaster management organizations and information contained elsewhere within ADRC's website, which works as a portal to various kinds of information.

In addition, the database has been linked to "JAXA DMSS" website, enhancing the value of ADRC's site by providing access to satellite images of disaster affected sites in case where emergency satellite observations were conducted. As of the end of March 2012, the database provides information on a total of 1,516 disasters.

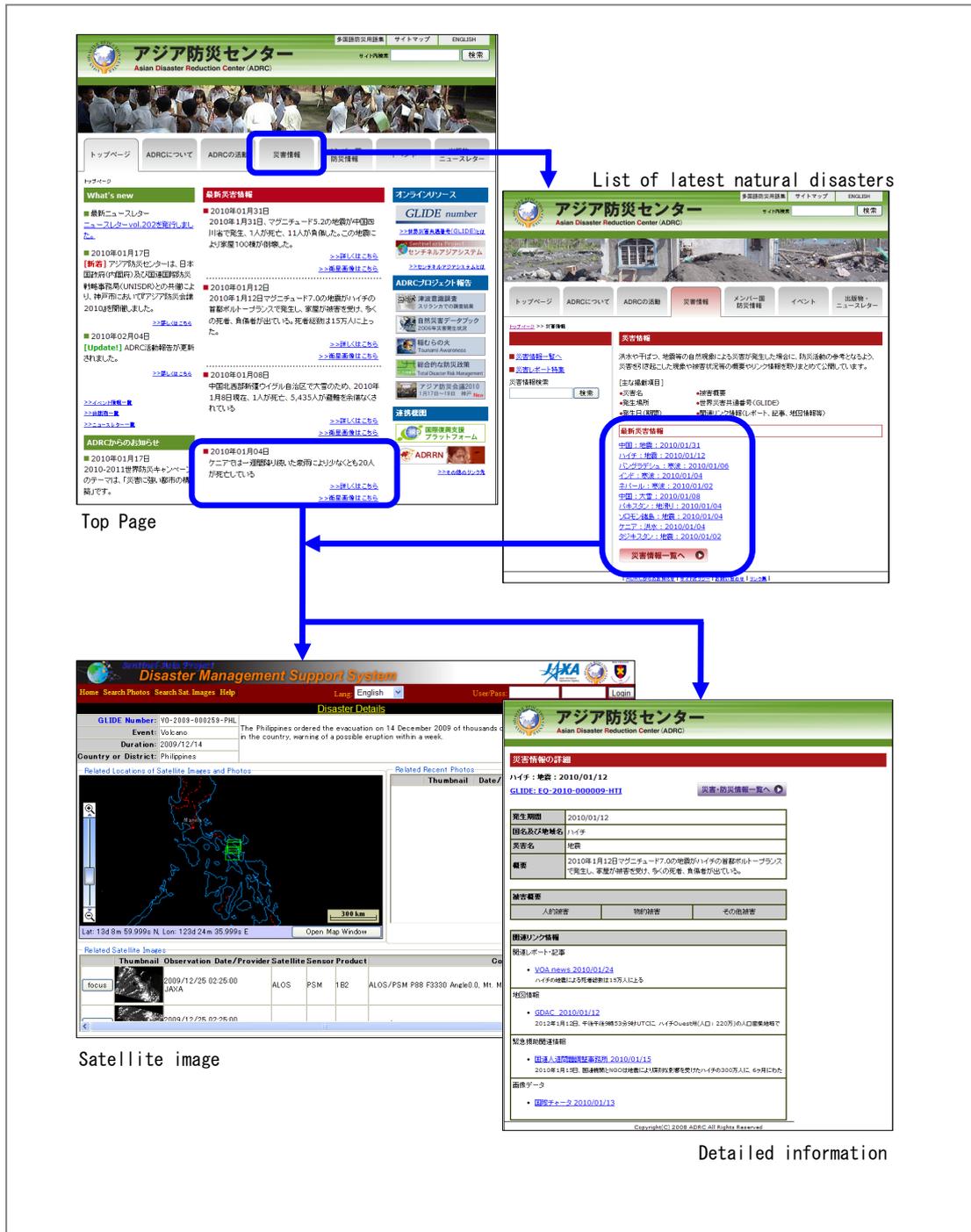


Fig.3-2-1-1 Structure of disaster information webpages

Table .3-2-1-1 Major Disasters in Fiscal 2011

(Disasters with more than 100 killed or missing, or more than 100,000 affected)

Date	Country	Type	Killed	Missing	Affected
2011					
4/1	China	Drought	-	-	3,290,000
4/1	Colombia	Flood	76	-	578,336
4/14	USA	Storm	44	-	-
4/22	Philippines	Land Slide	10	10	-
4/27	USA	Storm	342	-	-
5/1	Peru	Cold Wave	20	-	13,440
5/7	Philippines	Storm	33	2	210,000
5/8	Indonesia	Flood	10	3	-
5/21	Malaysia	Landslide	16	-	-
5/22	USA	Storm	139	-	-
6/5	China	Flood	170	-	2,000,000
6/24	Philippines	Typhoon	11	-	40,000
6/24	Laos	Flood	19	-	35,000
6/25	China	Typhoon	-	-	164,000
6/26	Vietnam	Heavy Rain	16	-	-
7/1	Bangladesh	Land Slide	15	-	-
7/1	China	Flood	13	-	445,500
7/1	China	Drought	-	-	272,000
7/10	India	Flood	788	-	6,932,944
7/20	Uzbekistan	Earthquake	13	-	-
7/25	Bangladesh	Flood	2	-	1,853,000
7/26	Philippines	Tropical Storm	75	9	1,018,171
7/27	South Korea	Land Slide	53	-	-
7/29	China	Tropical Storm	-	-	189,033
7/29	Laos	Tropical Storm	1	-	165,247
7/30	Pakistan	Flood	466	-	9,178,811
8/3	Thailand	Tropical Storm	744	3	4,176,763
8/4	China	Tropical Storm	-	-	5,140,000
8/8	South Korea	Tropical Storm	10	-	-
8/28	Philippines	Typhoon	35	8	403,193
8/28	USA	Hurricane	27	-	20,000,000
8/28	Nigeria	Flood	102	-	672,000
8/28	Mexico	Flood	92	-	-
8/31	China	Tropical Storm	78	16	354
9/1	China	Flood	57	29	-
9/1	Colombia	Flood	187	-	1,200,000
9/3	Japan	Typhoon	74	-	-
9/10	Cambodia	Flood	247	-	136,000
9/20	Japan	Typhoon	17	1	-
9/27	Philippines	Typhoon	35	45	184,446

3. Collection and Distribution of Disaster Information

9/30	Vietnam	Typhoon	73	-	600,000
10/10	El Salvador	Tropical Depression	32	-	300,000
10/10	Nicaragua	Tropical Depression	16	-	133,858
10/12	Guatemala	Tropical Depression	39	4	309,110
10/12	Costa Rica	Tropical Depression	-	-	233,475
10/12	Honduras	Tropical Depression	13	-	32,000
10/20	Myanmar	Flood	151	-	35,734
10/23	Turkey	Earthquake	604	-	-
10/29	USA	Heavy Snow	13	-	-
11/1	China	Earthquake	-	-	143,800
11/1	Mexico	Drought	-	-	2,400,000
11/1	Kenya	Flood	25	-	91,692
11/1	Peru	Flood	11	-	20,000
11/6	Vietnam	Flood	22	2	-
11/26	Sri Lanka	Flood	29	14	34,595
12/10	India	Cold Wave	131	-	-
12/16	Philippines	Typhoon	1257	181	1,141,252
12/25	Philippines	Flood	10	2	-
12/30	India	Cyclone	47	-	18,000
2012					
1/1	Afghanistan	Heavy Snow	43	-	-
1/3	Brazil	Flood	27	-	2,000,000
1/5	Philippines	Land Slide	42	42	-
1/22	USA	Storm	2	-	1,000,000
1/27	Japan	Heavy Snow	103	-	-
1/29	Indonesia	Cyclone	14	-	-
2/1	Ukraine	Cold Wave	131	-	-
2/6	Philippines	Earthquake	34	71	93,397
2/26	Madagascar	Heavy Rain	73	-	-

As of 31 March 2012

3-2-2. Multilanguage Glossary on Disaster Reduction

(1) 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 can be utilized by personnel in the disaster field to decipher technical documents related to Disaster Reduction.

(2) Native Language Activities by Visiting Researchers

ADRC accepts eight visiting researchers from member countries during the year to improve capabilities in disaster reduction administration. Since 2008, ADRC has been making "Multilanguage Dictionaries" with side by side entries into the mother language of the visiting researcher about 1,130 basic "disaster reduction terms" based on English terms.

Side by side translation lists have already been completed by researchers from Kyrgyz (Russian), Malaysia, Nepal, Pakistan, Sri Lanka, Thailand, Vietnam, and Yemen (Arabic) by March 2012, and been offered in the format of "Multilingual Dictionaries (Tentative)" on the ADRC website separate from the "Multi-language Glossary,". They were intended to serve as reference materials for disaster reduction activities in member countries.

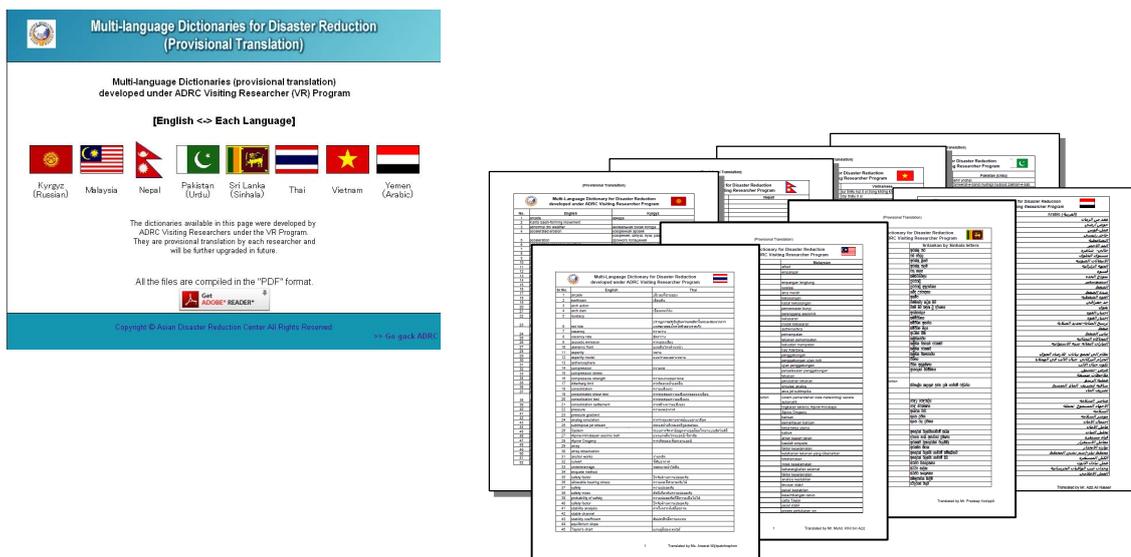


Fig.3-2-2-2 Multi-language Dictionaries for Disaster Reduction (Provisional Translation)

3-2-3. ADRC Newsletter: ADRC Highlights

The ADRC has been using the Internet and e-mail to share information with its counterparts in member countries, and to strengthen relations with other interested parties. As one of its mainstay tools for information dissemination, the ADRC has been issuing the newsletter "ADRC Highlights" since June 1999. It was issued twice a month until FY 2007, and has been issued once a month since FY 2008, when it underwent a redesign.

The newsletter is posted on the ADRC website. English, Russian and Japanese versions are also e-mailed to ADRC's counterparts and former visiting researchers, former GLIDE visiting researchers, participants in the past ADRC annual meetings, visitors to the ADRC, trainees in JICA's training courses implemented by the ADRC and participants in international conferences the ADRC took part in. Also we register email addresses of those who wish to subscribe the newsletter.

The numbers of subscribers in Japanese, English and Russian, are 909, 2,334 and 177 respectively as of 30 March 2012.

The contents include articles on the latest ADRC activities, reports on international conferences, and other events which ADRC staffs participated, as well as the reports by ADRC visiting researchers from member countries. In addition, the ADRC has made featured articles about former visiting researchers from member countries on the newsletter since FY 2008 and followed up their efforts for disaster risk reduction in their countries. This contributed to further enhancing the network of former visiting researchers from member countries.

Table 3-2-3-1 Headlines from ADRC Highlights (FY2011)

Vol.	Main Articles
217	<ul style="list-style-type: none"> Report on the Great East Japan Earthquake
218	<ul style="list-style-type: none"> Third Session of the Global Platform for Disaster Risk Reduction and the World Reconstruction Conference ADRC Staff Profile -Mr. ARAKAWA Kozo, Senior Administrative Manager Announcements – JAXA Training
219	<ul style="list-style-type: none"> Report from the Expert Group Meeting: Toward Creative Reconstruction from the Great East Japan Earthquake ADRC Staff Profile -Mr. SUGIURA Masami, Senior Researcher
220	<ul style="list-style-type: none"> Asian Conference on Disaster Reduction (ACDR) 2011 Draws to Successful Conclusion
221	<ul style="list-style-type: none"> Report from the APEC Workshop on Private Sector Emergency Preparedness Report from the Project "Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia" ADRC Visiting Researcher Report -Ms. Anna-Lisa Dumaguing-Orallo (Philippines) and Mr. Sisira Wnninayake (Sri Lanka)
222	<ul style="list-style-type: none"> JICA Training Course: Comprehensive Disaster Management for Central Asia and the Caucasus 2011 ADRC Visiting Researcher Report -Ms. Surina Binti OTHMAN (Malaysia) and Mr. Emin NAZAROV (Azerbaijan)

223	<ul style="list-style-type: none"> • Capacity Building of Local Government Officials on Disaster Management in Yangon, Myanmar • ISDR Asian Partnership Meeting • International Urban Search and Rescue Course in 2011
224	<ul style="list-style-type: none"> • JICA Training Course: Disaster Management Planning for China 2011 • Integrated Research on Disaster Risk (IRDR) 2011 • Symposium on Japan-China-ROK Trilateral Cooperation on Disaster Prevention and Relief • Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia
225	<ul style="list-style-type: none"> • The 2011 Thailand Floods • The 2nd Safety Conference, Qatar Vision 2030 "Century Challenges" • United Nations International Conference on Space-based Technologies for Disaster Risk Management • Announcements -The 8th Sentinel Asia System (SAS) Operation Training
226	<ul style="list-style-type: none"> • Greetings from new ADRC Executive Director, Mr. Kiyoshi NATORI • Report from the Second Expert Group Meeting: Toward Creative Learning from the Mega-Tsunami Disaster
227	<ul style="list-style-type: none"> • Training for Government Officials in charge of DRM in Indonesia • The 49th Session of UN-COPUOS and the 3rd UN-SPIDER Regional Support Offices (RSO) Meeting • ADRC Visiting Researcher Report -Mr. Md Munir CHOWDHURY (Bangladesh) and Mr. Dangal Rameshwar (Nepal)
228	<ul style="list-style-type: none"> • Comprehensive Disaster Risk Management • ADRC Visiting Researcher Report -Ms. Bazarragcha SODNOM (Mongolia) and Ms. Phatsita RERNGNIRUNSATHIT (Thailand)
