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## **3-3. Information Sharing through Internet Networks**

### **3-3-1. Latest Disaster Information Database**

ADRC has added 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 the rapid search and retrieval of information.

The database provides a brief summary of each disaster (date, location, and overview), a brief outline 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.

Figures 3-3-1-1 shows the structure of website which have been renewing latest information of natural disaster. And table 3-3-1-1 is the list of latest disaster information. The information originates mainly from announcements issued by disaster 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", enhancing the value of the 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 2009, the database provides information on a total of about 1,403 disasters.

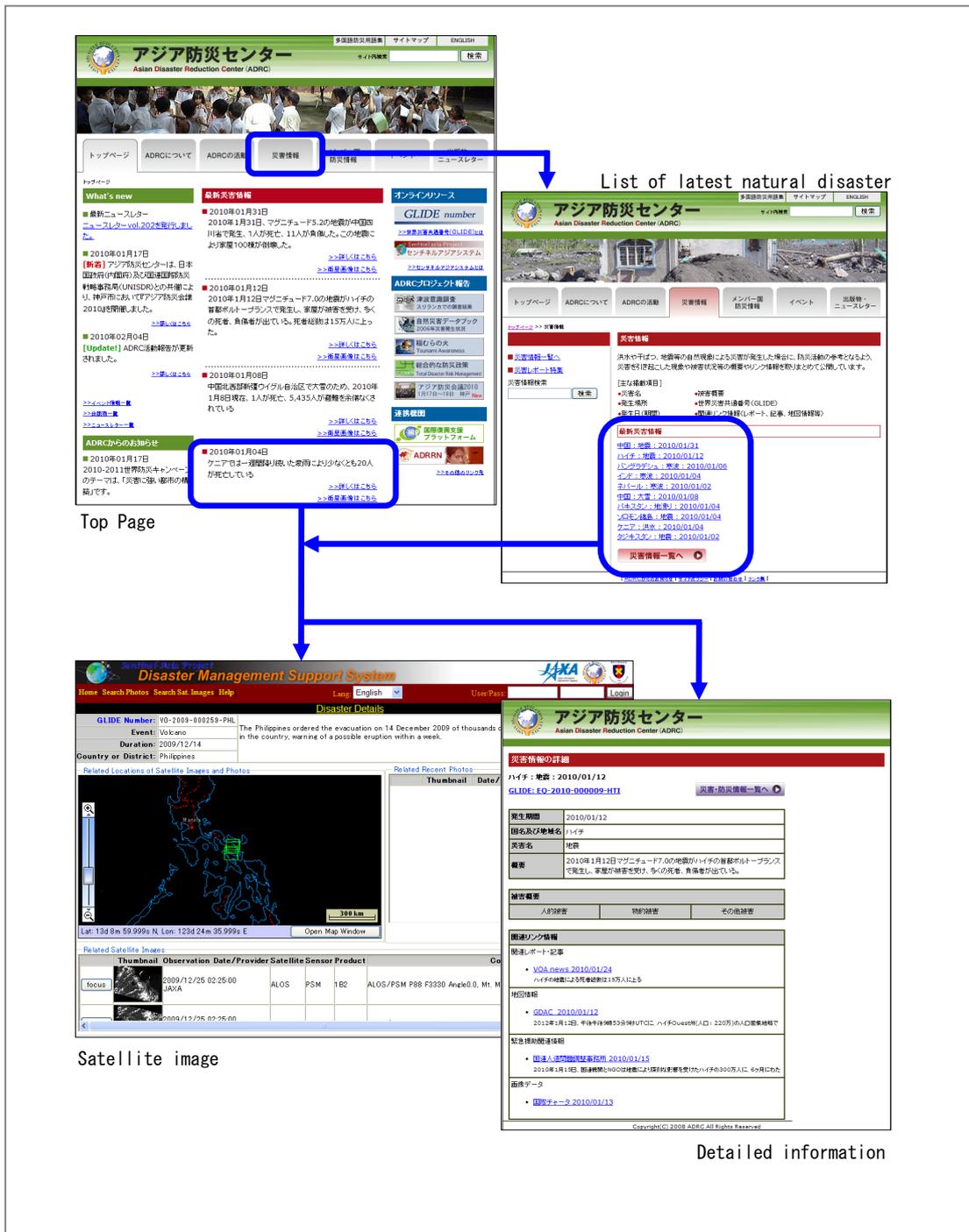


Fig.3-3-1-1 Structure of homepage of disaster information

Table .3-3-1-1 Major Disasters in Fiscal 2010  
(Disasters with more than 100 killed or missing, or more than 100,000 affected)

Date	Country	Type	Killed	Missing	Affected
<b>(2010)</b>					
4/5	Brazil	Landslide	251	—	—
4/14	China	Earthquake	2,698	270	-
4/14	India	Storm	136	-	-
4/19	Afghanistan	Earthquake	7	-	70
4/18	India	Heat wave	80	-	-
5/6	China	Storm	86	16	7,900,000
5/5	Afghanistan	Flood	120	-	-
5/7	India	Storm	54	-	-
5/7	Tajikistan	Flood	40	33	-
5/13	Vietnam	Flood	16	-	-
5/16	Sri Lanka	Flood	20	-	-
5/20	India	Cyclone	36	-	-
5/24	China	Landslide	19	-	-
5/25	Bangladesh	Storm	12	-	-
5/30	Guatemala	Storm	174	113	-
6/2	China	Landslide	53	-	-
6/6	Pakistan	Cyclone	10	-	-
6/8	Bangladesh	Storm	12	-	-
6/11	Japan	Landslide	15	5	-
6/15	Bangladesh	Landslide	42	-	-
6/16	Indonesia	Earthquake	17	-	-
6/16	Myanmar	Flood	68	-	-
6/16	China	Flood	379	-	-
6/17	India	Heavy Rain	46	-	-
6/20	Ghana	Flood	36	-	-
6/22	Nepal	Flood and Landslide	98	-	-
6/28	China	Landslide	42	57	-
7/2	India	Flood	347	-	-
7/8	China	Flood	146	40	-
7/14	Philippine	Typhoon	102	46	-
7/16	Yemen	Flood	24	-	-
7/18	Vietnam	Typhoon	70	27	-
7/19	China	Heavy Rain and Landslide	41	107	-
7/21	Pakistan	Flood	1985	-	-
7/22	China	Typhoon			
7/25	Indonesia	Landslide	21	-	-
7/26	Afghanistan	Flash Flood	65	-	-
7/30	Russia	Forest Fire	54	-	-
8/6	India	Flash Flood and Landslide	189	400	-
8/8	China	Landslide	1471	294	-
8/19	China	Debris Flow	37	55	-
8/24	Vietnam	Storm	10	-	-
9/19	India	Flood	63	-	-
9/21	China	Typhoon	75	61	-

9/27	Colombia	Flood	282	-	-
9/29	Mexico	Landslide	7	100	-
10/3	Vietnam	Flood	66	19	-
10/5	Indonesia	Flash Flood	145	-	-
10/15	Russia	Flood	13	-	-
10/18	Philippine	Typhoon	31	4	-
10/16	Thailand	Flash Flood	255	-	-
10/18	Vietnam	Flood	77	5	-
10/22	Myanmar	Cyclone	45	10	-
10/23	China	Landslide	13	-	-
10/25	Indonesia	Earthquake and Tsunami	509	21	-
10/26	Indonesia	Volcano	386	-	-
11/3	Philippine	Flood	14	2	-
11/4	Costa Rica	Landslide	17	-	-
11/5	Vietnam	Flood	29	-	-
11/14	Vietnam	Flood	19	6	-
12/2	Israel	Forest Fire	42	-	-
12/4	India	Flood	203	-	-
12/5	China	Forest Fire	22	-	-
12/6	Colombia	Landslide	240	-	-
12/21	Japan	Heavy Snow	127	-	-
12/28	Australia	Flood	18	-	-
12/31	Philippine	Flood	75	22	-
<b>(2011)</b>					-
1/4	Brazil	Flood and Landslide	806	400	
1/6	Sri Lanka	Flood	43	4	-
1/7	Bangladesh	Cold Wave	50	-	-
1/20	South Africa	Flood	91	-	-
1/26	Saudi Arabia	Flood	10	3	-
1/31	Philippine	Flood and Landslide	21	1	-
2/1	Afganistan	Flash Flood	25		
2/14	Bolivia	Flood	56		
2/22	New Zealand	Earthquake	166		
3/10	China	Earthquake	144		
3/11	Japan	Earthquake and Tsunami	10668	16574	
3/24	Myanmar	Earthquake	74		

As of 28 March 2011

### 3-3-2. 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 for 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 2011. The finished lists were offered in the format of “Multilingual Dictionaries (Tentative)” on the ADRC website separate from the “Multi-language Glossary,” and were intended to serve as reference materials for disaster reduction activities in member countries.

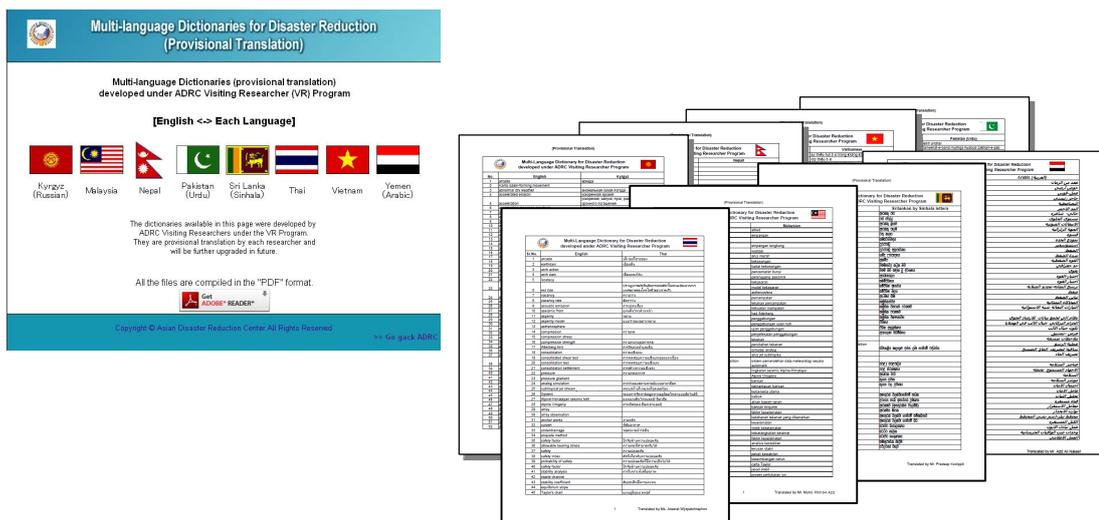


Fig.3-3-2 Multi-language Dictionaries for Disaster Reduction (Provisional Translation)

### 3-3-3. ADRC Newsletter: ADRC Highlights

ADRC has been using the Internet and e-mail to share information with its counterparts in member countries and with other interested parties. ADRC has also been publishing the newsletter “ADRC Highlights,” one of its main tools for disseminating information, since 1 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, participants in past ADRC annual meetings, visitors to the ADRC, trainees

in JICA training courses involving the ADRC, and participants in international conferences featuring presentations by ADRC representatives. The Japanese, English, and Russian versions had as many as 907, 2,340, and 178 subscribers, respectively, as of the end of March 2010. This has helped further enhance the network of former visiting researchers from member countries.

Table 3-3-4-1 Headlines from ADRC Highlights (FY2010)

Vol.	Main Articles
205	<ul style="list-style-type: none"> <li>• Natural Disaster Report -ADRC Mission to Haiti</li> <li>• ADRC Visiting Researcher Report</li> <li>• Announcements -Personnel Changes, New Publication, etc.</li> </ul>
206	<ul style="list-style-type: none"> <li>• ADRC Welcomes a New Member: Republic of Maldives</li> <li>• ASEAN Project: Promotion of Disaster Education in Schools</li> <li>• Announcements -New ADRC Publications</li> </ul>
207	<ul style="list-style-type: none"> <li>• Regional cooperation on disaster risk reduction</li> <li>• 21st Meeting of the Sub-Committee on Space Technology and Applications</li> <li>• ADRC Staff Profile No. 39 -Mr. Yasuo Kawawaki, Senior Recovery Expert</li> <li>• Announcements -Personnel Changes</li> </ul>
208	<ul style="list-style-type: none"> <li>• Mongolia Begins Earthquake Countermeasures</li> <li>• Capacity Building for Disaster Management among Local Government Officials in Myanmar</li> <li>• ADRC Participates in "Orientation Training on the Use of DRR Project Portal"</li> <li>• Announcements -Personnel Change</li> </ul>
209	<ul style="list-style-type: none"> <li>• Sentinel Asia Joint Project Team Meeting</li> <li>• Capacity Building Project for Local Government Officials Involved in Disaster Management in Indonesia</li> <li>• ADRC Staff Profile No. 40 -Mr. Takahiro Ono, Senior Researcher</li> </ul>
210	<ul style="list-style-type: none"> <li>• Comprehensive Disaster Management for Central Asia and the Caucasus</li> <li>• ADRC Visiting Researcher Report -Ms. Carmelita Laverinto</li> <li>• Participation in International Conference -ISDR Asian Partnership Meeting</li> </ul>
211	<ul style="list-style-type: none"> <li>• GLOF Project in Bhutan</li> <li>• Japan-U.S. Sister Cities: Natural Disaster Preparedness and Response</li> <li>• ADRC Visiting Researcher Report -Mr. Dinesh Hemachandra</li> </ul>
212	<ul style="list-style-type: none"> <li>ASEAN Project</li> <li>• Promotion of Disaster Education in Schools</li> <li>• Capacity Building of Local Government Officials in Disaster Management</li> <li>• Promotion of Satellite Imagery Application to Disaster Management</li> <li>• Development of an Online, GLIDE-associated Disaster Database</li> </ul>
213	<ul style="list-style-type: none"> <li>• Field Survey of Tsunami-Stricken Areas in the Mentawai Islands</li> <li>• 17th Session of the Asia-Pacific Regional Space Agency Forum</li> <li>• Announcements -Visiting Researchers for the ASEAN GLIDE Project</li> </ul>
214	<ul style="list-style-type: none"> <li>• Happy New Year 2011</li> <li>• The Fourth Asian Ministerial Conference on Disaster Risk Reduction</li> <li>• The International Conference and the GLOF Project in Bhutan</li> <li>• Announcements -Launch of the DRR Project Portal</li> </ul>

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215	<ul style="list-style-type: none"><li>• Japan-ASEAN Integration Fund Project</li><li>• International Recovery Forum 2011</li><li>• ADRC Peer Review Project</li><li>• ADRC Visiting Researcher Report -Ms. A.M.J.D.K Mudalige (Sri Lanka), -Ms. Maiya KADEL (Nepal), -Ms. Amornthip PAKSUCHON (Thailand)</li></ul>
216	<ul style="list-style-type: none"><li>• JICA Training Course: "Comprehensive Disaster Risk Management"</li><li>• JICA Training Course: "Dissemination and Establishment of Disaster Prevention Culture for Asian Countries"</li><li>• ADRC Visiting Researcher Report</li></ul>