

3-2. Database on Disaster Risk Reduction

3-2-1. Latest Disaster Information

When a natural disaster occurs, information on the extent of the damage, the situation of the affected area and emergency response and relief is collected and disseminated by media, local and central governments, international organizations, research institutions, civil societies, NGOs, etc in affected countries and throughout the world. Once most of such information was usually provided individually and it took time and labor to get all the necessary information, which prevented from agile data collection activities in case of emergency.

Under these circumstances, organizations such as the Centre for Research on the Epidemiology of Disasters, Centre for Research on the Epidemiology of Disasters (CRED) and the UN Office for the Coordination of Humanitarian Affairs (UNOCHA) have been gathering global disaster information to make disaster information.

The Asian Disaster Reduction Center has developed a database and published the latest disaster information on its website in order to contribute as a clearinghouse of disaster information from various sources since September 1998. Summarized information with direct links to the original information sources provided on its website enables rapid search and retrieval of information. In particular, the database provides a brief summary of disasters (dates, locations, and overviews), brief outlines of damage situations, link information categorized by reports/articles, geographic data, emergency relief information, urgent reports from the ADRC member countries and graphic information. Such information is continually updated in accordance with further information release.

Figure 3-2-1-1 to Figure 3-2-1-4 shows information flow of ADRC's website from top page to related organizational information. The flood in Indonesia, January 2014 was taken as an example. In the top page, the disaster appears as the latest disaster, linked to detailed information (Figure 3-2-1-1). The detailed information has links to GLIDE number, and national disaster management organization of the country when it is ADRC's member country (Figure 3-2-1-2, 3-2-1-3). Information sources for the reports come from media and situation reports as mentioned below (Figure 3-2-1-4).

The information originates mainly from announcements of disaster relevant organizations including the ADRC's member countries, situation reports from the UNOCHA ReliefWeb, International Federation of Red Cross and Red Crescent Societies (IFRC), and media reports. The latest disaster information site also links to the home page of the disaster management organization and the disaster management information within ADRC's website, which works 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 1,860 disasters in the world as of the end of March 2014.

ADRC Top About ADRC Activities Disaster Information DRR Information of Member Countries Events Publications & Newsletter

TOP PAGE

What's new

- ACDR 2014 4-6 March in Tokyo, Japan
- ADRC Highlight vol.250 [English]
- ADRC Highlight vol.249 [Russian]
- >>Newsletter Archive
- 2013/12/03 [Databook] "Natural Disasters Data Book-2012 edition"
- >>Read more
- >>Publication Archive
- 2014/01/30 **NEW!**The Asian Conference on Disaster Reduction (ACDR) 2014 is scheduled to be held in Tokyo, Japan on 4-6 March 2014.
- >>Read more
- 2013/12/26 **NEW!**2013 Typhoon Haiyan/Yolanda Joint Survey Team Briefing Session was held in Kobe, Japan.
- >>Read more
- >>Event Archive
- News from ADRC
- 2014/01/08 Recently, the ADRC

The Latest Disaster Information


- 2014/02/13 On 13 February 2014, Mt Kelud on the main island of Indonesia has erupted and more than 76,000 people have been evacuated. >>Read more
- 2014/02/08 Heavy snow and severe weather struck Tokyo and other areas across Japan on 8 February 2014, leaving five dead and more than 600 injured. More than 50 people were killed by heavy snow this season. >>Read more
- 2014/02/01 Mount Sinabung on the western island of Sumatra, Indonesia which has erupted relentlessly for months, spewed rocks 2km (1.5 miles) in a series of eruptions in the morning, 1 February at least 14 people
- 2014/01/13 At least 16 people killed and 40,000 homes after torrential rain triggered flash floods and landslides on Indonesian island of northern Sulawesi

Online Resources

- GLIDE number >>About GLIDE number
- Sentinel Asia >>About Disaster Management Support System
- DRR PROJECT PORTAL >>About DRR Project Portal

Reports on ADRC Projects

- Natural Disasters Data Book - 2012
- Inamura no Hi Tsunami Awareness
- IDRM Good Practices
- Private Sector DRR



ADRC
Asian Disaster Reduction Center (ADRC)

Details of Disaster Information

Indonesia : Heavy Rain, Flood : 2014/01/13

GLIDE: FL-2014-000005-IDN DRR & Disaster Information

| | |
|----------------------------|--|
| Duration | 2014/01/13 |
| Country or District | Indonesia |
| Name | Heavy Rain, Flood |
| Outline | At least 8,064 people in 10 districts across Jakarta were affected by the flooding on 13 January 2014. |

| Headline(Source, Date) | | |
|------------------------|-----------------|--------|
| Personal Injury | Material Damage | Others |

Related Links

Report/Articles

- [OCHA 2014/01/21](#)
Jakarta Floods:
As of 21 January 2014, approximately 134,662 persons or 38,672 households in 100 urban villages are directly affected by floods, with 12 casualties.
Manado Floods:
As of 19 January 2014, at least 15,000 persons from two cities and six districts are displaced. 19 casualties are reported.
- [Jakarta Post 2014/01/20](#)
The Jakarta Disaster Mitigation Agency (BPBD) has reported that 11 people have died in the capital city as a result of flooding.
- [AFP 2014/01/19](#)
More than 30,000 Indonesians have fled their homes in the capital due to flooding that has left five dead.

Figure 3-2-1-1 ADRC Website top page (above) and Details of Disaster Information (below)

The screenshot shows the GLIDE Number website interface. At the top, there is a navigation bar with links for Home, Preferences, Login, Register, Help, and Contact us. The main content area is titled "GLIDE Record" and displays the following information:

- Event: FL Flood
- Number: 2014-000005
- Country: IDN Indonesia
- Location:
- Date (YMD): 2014-1-13
- Time:
- Duration:
- Magnitude:
- Information Source: AFP

Comments: At least 16 people have been killed and 40,000 have fled their homes after torrential rain triggered flash floods and landslides on Indonesia's northern Sulawesi island, officials said Thursday.

Useful Links: Back to Search results, New Search, Statistics, Charts, Tabular Reports

Related Records:

A "Done" button is located at the bottom of the record.

Figure 3-2-1-2 GLIDE Number of the disaster

The screenshot shows the ADRC (Asian Disaster Reduction Center) website. The header includes the ADRC logo and the text "Asian Disaster Reduction Center (ADRC)". The main content area is titled "Information on Disaster Risk Reduction of the Member Countries" and features a section for Indonesia.

Indonesia

General Information

Formal Name: Republic of Indonesia
 Indonesia consists of 17,500 islands between the Indian Ocean and the Pacific Ocean.
 Indonesia has a land of 189 million square meters. Located in the middle of the Australian plate, Eurasian plate, Pacific plate and the Philippine Sea plate, Indonesia is a seismic and volcanic-prone area. The climate is tropical humid. In the high altitude area, climate is warm and moderate.
 The capital is Jakarta. Of the 9.14 million people, the Malay is the majority.

Overview of Disasters

Indonesia suffers from floods, landslides, droughts, tsunamis, earthquakes, volcanoes, forest fires. In particular, floods and earthquakes are the most frequent disasters.

Recent Major Disasters

- **Sumatra Earthquake and Tsunami (December 2004)**
 The Indian Ocean Tsunami which was triggered by the earthquake off the Sumatra Island (M9.1) claimed the live of 163,708, affected 532,898. The total loss was US\$ 4,451,600,000.
- **Sumatra Earthquake (May 2005)**
 The M8.6 earthquake occurred at the Sumatra Island on 28 March 2005 killed 845 people in North Sumatra Province and 60 people in Nanggroe Aceh Darussalam Province (NAD). The evacuees rose up to 106,800. The Nias Island was also extensively damaged.
- **Java Earthquake (May 2006)**
 The death toll due to the earthquake on 27 May 2006 whose seismic size was M6.3, stands at 5,778, with 37,883 seriously injured. 139,859 houses were completely destroyed whereas 468,149 half destroyed.

Disaster Management System

- **Legal System**
 Disaster Management Law No. 24 was enacted in April 2007.
- **Organization**
 Badan Nasional Penanggulangan Bencana (National Disaster Management Agency, BNPP) was established in 2008. BNPP consists of the president of the BNPP, the Management and Operational Committee, and the Policy Implementation Agency.

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 (Kyrgyz and Russian), Malaysia, Myanmar, Nepal, Pakistan, Sri Lanka, Thailand, Vietnam, and Yemen (Arabic) by March 2014, 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.

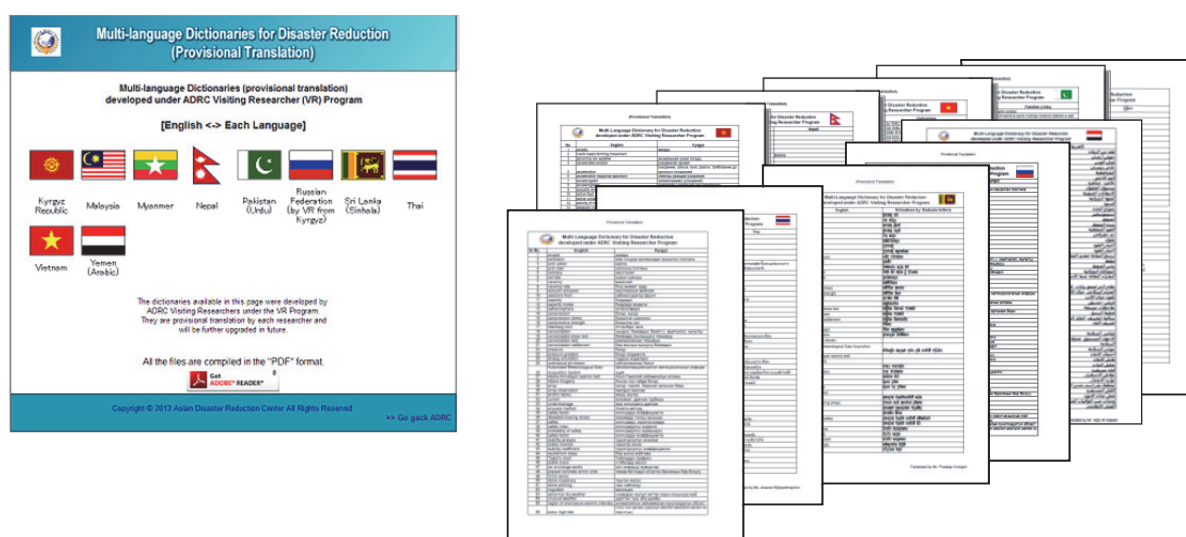


Fig.3-2-2-1 Multi-language Dictionaries for Disaster Reduction (Provisional Translation)

3-2-3. Asian Disaster Reduction Center Newsletter: ADRC Highlights

ADRC has been using the Internet and e-mail to share information with its counterparts in the member countries, and other applicants. As one of its mainstay 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.



Fig. 1-4-3-1 ADRC Highlights (October 2013: Japanese edition, English edition, Russian edition)

The newsletter is made publicly available on the website. It is also e-mailed in English, Russian and Japanese to the ADRC counterparts and former visiting researchers, former GLocal 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 we register 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 2,388, 191 and 903 respectively as of February 2014.

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 the ADRC visiting researchers from member countries. In addition, ADRC has been featuring 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.

This tool has been very effective in order to keep good ties and communication with relevant officials .

Table 1-4-3-1 Headlines from ADRC Highlights (FY2013)

| Vol. | Main Articles |
|-------------|---|
| 241 | <ol style="list-style-type: none"> 1. RCC10 and Meeting with the Chief of Mongolia's NEMA 2. Human Resource Development <ol style="list-style-type: none"> (1) JICA Training "Comprehensive Disaster Risk Management" (2) JICA Training "Raising Awareness of Disaster Reduction" 3. Interview by APRSAF Secretariat |
| 242 | <ol style="list-style-type: none"> 1. IRP/ ADRC Attends International Forum on Recovery and Reconstruction Following China's Sichuan Earthquake 2. Workshop on Standard Operating Procedures for a Coastal Multi-hazard Early Warning System 3. A report on the "BCP Status of the SMEs in the Asia-Pacific Region 2012" |
| 243 | <ol style="list-style-type: none"> 1. 4th Global Platform for Disaster Risk Reduction 2. The 4th Global Platform for Disaster Risk Reduction 3. Business Continuity Management Booklet for Small and Medium-Sized Enterprises |
| 244 | <ol style="list-style-type: none"> 1. Consultation Workshop on Developing a Capacity-Building Strategy through the Establishment of a Disaster Management Training Center in Myanmar 2. ADRC Participates in 8th Meeting of Typhoon Committee Working Group on DRR 3. Japan-ASEAN Integration Fund Project "Promotion of Disaster Education in Schools" (Malaysia and Brunei) |
| 245 | <ol style="list-style-type: none"> 1. JICA Training Course: Comprehensive Disaster Management for Central Asia and the Caucasus 2013 2. Disaster Recovery Planning Workshops in the Horn of Africa |
| 246 | <ol style="list-style-type: none"> 1. Participation in the JICA Follow-Up Seminar "Comprehensive Disaster Management" 2. ADRC Visiting Researcher Report <ol style="list-style-type: none"> (1) Ms. Ms. Chinbaatar LKHAMJAV (Mongolia) (2) Ms. Thandar AUNG (Myanmar) |
| 247 | <ol style="list-style-type: none"> 1. ADRC Participates in First Saudi International Conference on Crisis and Disaster Management 2. "Workshop on Disaster Recovery Planning for South Sudan" was successfully organized and held by IRP, ADRC and the Cabinet Office of Japan 3. ADRC Visiting Researcher Report <ol style="list-style-type: none"> (1) Mr. Ibrahim Thaufeeq (Maldives) (2) Mr. Mansurjon Tashpulatov (Uzbekistan) |
| 248 | <ol style="list-style-type: none"> 1. ADRC Participates in Expert Group Meeting on Improving Disaster Data to Build Resilience in Asia and the Pacific 2. "Promotion of Disaster Education in Schools" Project in Lao PDR |
| 249 | <ol style="list-style-type: none"> 1. ADRC/IRP Attends Third Session of UNESCAP's Committee on Disaster Risk Reduction in Bangkok 2. First Sentinel Asia Joint Project Meeting Step-3 (JPTM) 3. ADRC Participates in 8th Integrated Workshop of the Typhoon Committee |
| 250 | <ol style="list-style-type: none"> 1. Asian Disaster Reduction Center (ADRC) and International Recovery Platform (IRP) Secretariat Dispatched Survey Team to the Typhoon-affected areas in the Philippines 2. ADRC DRR Policy Peer Review FY2013 |

| | |
|-----|---|
| 251 | <ol style="list-style-type: none">1. International Recovery Forum 2014 Draws to Successful Close2. ADRC Visiting Researcher Report<ol style="list-style-type: none">(1) Dr. Mohammad Manirul Islam (Bangladesh)(2) Mr. Leng Heng An (Cambodia) |
| 252 | <ol style="list-style-type: none">1. Workshop on Recovery Planning for Local Governments Impacted by Typhoon Haiyan2. ADRC Visiting Researcher Report<ol style="list-style-type: none">(1) Mr. Ali Bakhtiari (Iran)(2) Mr. Pema Thinley (Bhutan)3. Asian Conference on Disaster Reduction (ACDR) 2014 Draws to Successful Conclusion (FLASH) |