

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, and so on in affected countries and throughout the world. 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.

ADRC 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 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 starting from top page to related organizational information. The earthquake in Nepal, August 2015 was taken as example. In the top page, the disaster appears as latest disaster, linked to detailed information (Figure 3-2-1-1). The detailed information has links to GLIDE number, space imagery obtained in Sentinel Asia framework, and national disaster management organization of the country when it is ADRC's member country (Figure 3-2-1-2 to 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 website 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 website 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 2,074 disasters in the world as of 21 January 2016.

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Disaster Information Archive

Page: 12 / 198

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94
95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117
118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139
140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161
162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183
184 185 186 187 188 189 190 191 192 193 194 195 196 197 198

From record No.111 to record No.120 out of 1977records.

Latest Disaster Information

[Bangladesh : Earthquake : 2015/04/25](#)

[India : Earthquake : 2015/04/25](#)

[Nepal : Earthquake, Avalanche, Landslide : 2015/04/25](#) [Go to Satellite Images \(Sentinel Asia\)](#)

[India : Storm : 2015/04/25](#)

[Kazakhstan : Flood : 2015/04/13](#)

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Details of Disaster Information

Nepal : Earthquake, Avalanche, Landslide : 2015/04/25

[Satellite Images \(Sentinel Asia\): ERCNEAD0000](#) [DRR & Disaster Information](#)

Duration	2015/04/25
Country or District	Nepal
Name	Earthquake, Avalanche, Landslide
Outline	A massive 7.8 magnitude earthquake killed hundreds of people 25 April 2015 as it ripped through large parts of Nepal, toppling office blocks and towers in Kathmandu and triggering an avalanche that hit Everest base camp.

Summary

Human Impact	Physical Impact	Others
UNOCHA, UN RC/HC Nepal 2015/08/07		
8,808 deaths	602,257 houses full	

Figure 3-2-1-1 ADRC Latest Disaster Information (above) and Details of Disaster Information (below)

GLIDEnumber Home Preferences Login Register Help Contact us


English

GLIDE Record

Event: EQ Earthquake
Number: 2015-000048
Country: NPL Nepal
Location: 34km ESE of Lamjung, Nepal
Date (YMD): 2015-4-25
Time: 06:11:26
Duration:
Magnitude: 7.8
Information Source: USGS

Comments: A huge earthquake (M7.5) just happened a hour ago, which is located in Nepal, close to South Tibet of China to the north, and India to the south. The Capital of Nepal, Kathmandu could be heavily affected by this very shallow earthquake according to USGS preliminary report

Approximate Location:



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

Related Records:
Same Event in Other Countries:

EQ-2015-000049-IND
Earthquake,India: A powerful earthquake struck Nepal and sent tremors through northern India on Saturday, killing hundreds of people, toppling a 19th-century tower in the Nepalese capital Kathmandu and triggering a fatal avalanche on Mount Everest. Tremors shook northern India, death toll there reaches 12.

EQ-2015-000049-BGD
Earthquake,Bangladesh: An earthquake rattled the Dhaka, Chittagong, Barisal, Rajshahi, Dinajpur, Rangpur, Kushtia and different parts of the country on April 25. The 7.8 magnitude earthquake's epicenter was 81 kilometers (50 miles) northwest of Kathmandu, Nepal at a depth of 9.3 miles. The Meteorological Department stated that the epicenter of the earthquake was 743 km north-west of Bangladesh. In Bangladesh, total 3 people were killed and up to 100 people were injured while evacuating.

EQ-2015-000049-CHN
Earthquake,China, People's Republic: At least 20 were killed and 58 injured in southwest China's Tibet Autonomous Region, after a powerful earthquake struck neighboring Nepal on 23 April 2015, the regional disaster relief headquarters said late 24 April 2015. Another four people remain missing.

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

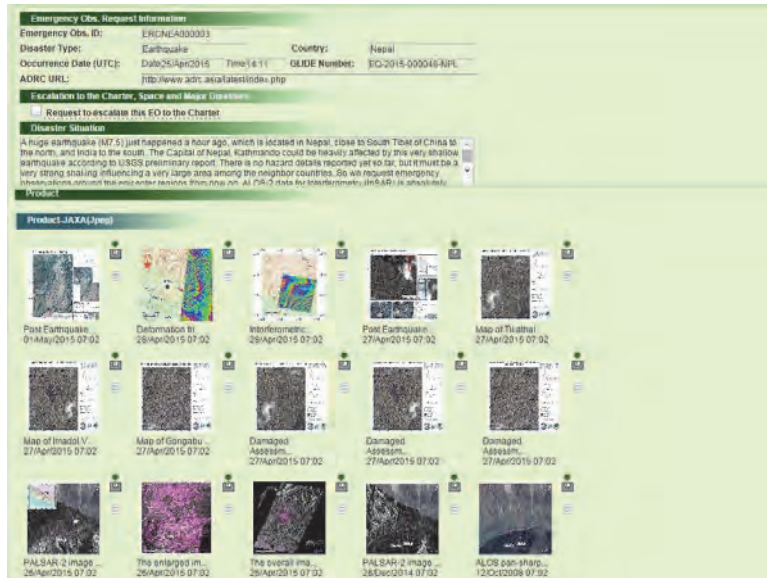


Figure 3-2-1-3 Satellite imagerys of the disaster in Sentinel Asia

The screenshot shows the ADRC (Asian Disaster Reduction Center) website. The header includes the ADRC logo and name. The main content area is titled 'Information on Disaster Risk Reduction of the Member Countries' and features a section for Nepal. This section includes a map of Nepal, a 'General Information' box with text about Nepal's geography and population, and an 'Overview of Disasters' box listing various disaster types. Below the overview, there is a 'Country Report' section with links to 'Country Report 2014 (English Version, PDF file)' and 'Country Report 2011 (English Version, PDF file)'. A red oval highlights the contact information: 'Disaster Management Division, Ministry of Home Affairs'.

Figure 3-2-1-4 Information on Disaster Risk Reduction of the Member Country

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 including 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. The six-language glossary is thus now available on ADRC website.

The glossary contains technical terms which may be hard to find in ordinary dictionaries, and can be utilized by those working personnel in the disaster field to read technical documents related to Disaster Reduction.

(2) Native Language Activities by Visiting Researchers

Since 2008, ADRC has been compiling "Multilanguage Dictionaries" of the languages used in member countries with the help of the visiting researchers. The dictionary includes largely 1,130 basic "disaster reduction terms" based on English terms.

Side by side translation lists have already been completed by the visiting researchers from Bhutan, Kyrgyz (Kyrgyz and Russian), Malaysia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Thailand, Uzbekistan, Vietnam, and Yemen (Arabic) by March 2016, and uploaded in the format of "Multilingual Dictionaries (Tentative)" on ADRC website separate from the "Multi-language Glossary." They are 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 relevant parties. 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. 3-2-3-1 ADRC Highlights
(April 2015: Japanese edition, English edition, Russian edition)

The newsletter is made available on the website. It is also e-mailed in English, Russian and Japanese to the ADRC counterparts and the former visiting researchers, former GGlobal 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 2,418, 205 and 909 respectively as of January 2016.

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. Several conferences which were coordinated by ADRC in the Third UN World Conference on Disaster Risk Reduction were reported in 2015.

Table 3-2-3-1 Headlines from ADRC Highlights (FY2015)

Vol.	Main Articles
265	<ol style="list-style-type: none"> 1. Asian Conference on Disaster Reduction 2015 2. ADRC/IRP Participates in the Preparatory Meeting for the Earthquake Preparedness Conference in Metro Manila, Philippines
266	<ol style="list-style-type: none"> 1. SATREPS Chile Project -Research Project on Enhancement of Technology to Develop Tsunami-Resilient Community- 2. ADRC Staff Profile No.46 -Mr. Kazuhito UEDA, Researcher
267	<ol style="list-style-type: none"> 1. ISDR Asia Partnership (IAP) meeting 2. 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
268	<ol style="list-style-type: none"> 1. Town-Watching for Disaster Reduction
269	<ol style="list-style-type: none"> 1. JICA Knowledge Co-Creation Program: Raising Awareness of Disaster
270	<ol style="list-style-type: none"> 1. Greetings from new ADRC Executive Director, Ms. Kyoko KONDO 2. JICA's Knowledge Co-Creation Program on "Comprehensive Disaster Management for Central Asia and the Caucasus 2015" 3. ADRC Visiting Researcher Report -Mr. Vigen Harutyunyan (Armenia) 4. ADRC Internship, Ms. Norika Yamamura 5. ADRC Internship, Mr. Krisztian Benyo
271	<ol style="list-style-type: none"> 1. ADRC Visiting Researcher Report -Mr. Fozilov Elyor (Uzbekistan) 2. ADRC Visiting Researcher Report -Mr. Tahir Mehmood (Pakistan)
272	<ol style="list-style-type: none"> 1. The First Steering Committee (FSC) Meeting of the Sentinel Asia Step 3
273	<ol style="list-style-type: none"> 1. Sentinel Asia Initiative Tsunami Working Session and the 22nd Session of the Asia-Pacific Regional Space Agency Forum (APRSAF-22) 2. Demonstration of a Push-Type Information Dissemination Device in the Kurihama Neighborhood of Yokosuka City, Kanagawa Prefecture
274	<ol style="list-style-type: none"> 1. Happy New Year 2016 -Masanori HAMADA, Chairman, ADRC 2. ADRC Visiting Researcher Report -Mr. Chathura Liyanaarachchige (Sri Lanka)

275	<ol style="list-style-type: none">1. ADRC Visiting Researcher Report - Mr. Andrew Lalhruaia (India)2. ADRC Visiting Researcher Report - Mr. Mohamed Inayath (Maldives)
276	<ol style="list-style-type: none">1. Asian Conference on Disaster Reduction 2016