

3-2. Database on Disaster Risk Reduction

3-2-1. Latest Disaster Information

Once a disaster occurs, many DRR organizations in and outside the affected country such as media, governments, international organizations, research institutions and civil societies start disseminating information about damage situations, relief and so on. Usually such information is issued separately and thus it has been difficult to collect necessary information from separate information sources at emergency.

ADRC has been sharing and updating latest disaster information of its member countries and major disaster information of the world including overview of the disaster (occurrence time, area and outline) and damage situations, relevant links (reports, articles, map, relief, information from partners, imagery data and so on).

The screenshot shows the top page of the ADRC website. At the top, there is a navigation bar with links for 'Glossary on Natural disasters', 'Site Map', 'Japanese', and 'Русский'. Below this is the ADRC logo and a search bar. The main content area is divided into several sections:

- ADRC Top**: A horizontal menu with buttons for 'About ADRC', 'Activities', 'Disaster Information', 'DRR Information of Member Countries', 'Events', and 'Publications & Newsletter'.
- TOP PAGE**: A section containing:
 - What's new**: A list of recent updates, including 'Tsunami Preparedness Day (November 5th)', 'ADRC Highlight vol.311 [English]', 'ADRC Highlight vol.309 [Russian]', and '2019/02/08' and '2018/11/01'.
 - The Latest Disaster Information**: A red header section with three entries:
 - 2019/01/21**: 'Heavy rains that have been hitting South Sulawesi, Indonesia since 21 January 2019 caused floods and landslides, and displaced more than 6,700 people. **NEW!**' with a '>>Read more' link.
 - 2018/12/29**: 'On 29 December 2018, Tropical Depression Usman made landfall in Eastern Samar of the Philippines at 6:00 AM, and weakened into a low pressure area (LPA). Over 680 thousand persons were affected in 5 provinces.' with a '>>Read more' link.
 - 2018/12/22**: 'On 22 December 2018, undersea landslides likely caused by the Krakatoa volcano eruption triggered a tsunami which hit the coastal areas around Sunda Strait between Java and Sumatra islands of Indonesia. More than 300 people were killed.' with a '>>Read more' link.
 - Social Media**: A blue header section with a button for 'ADRC Facebook'.
 - Online Resources**: A blue header section with links for 'GLIDE number' and 'About GLIDE number'.
 - DRR PROJECT PORTAL**: A blue header section with a link for 'About DRR Project Portal'.
 - Reports on ADRC Projects**: A blue header section with links for 'Study visit to Kumamoto' and 'Tsunami Disaster Risk Reduction'.

Fig. 3-2-1 Top Page of ADRC Website

Such latest disaster information is posted on top page of the ADRC's website, linking to further detailed information (Fig. 3-2-1).

This section focuses on Tsunami disaster in Indonesia in December 2018 to show the structure of disaster information linking from ADRC's top page to relevant information (Fig. 3-2-2 to 3-2-4).

A disaster that has occurred in Asia and the world is posted on the top page as the Latest Disaster Information and then linked to Details of Disaster Information. In upper part of the page, there are links to GLIDE number of the said disaster (EQ-2018-000156-IDN), DRR & Disaster Information of Indonesia, and Emergency Observation of Sentinel Asia. Then situation reports by relevant organizations are placed in the central part. Such information is updated accordingly with the original links, which would facilitate users' information collection.

ADRC
Asian Disaster Reduction Center (ADRC)

Details of Disaster Information

Indonesia : Tsunami : 2018/12/22
[GLIDE: TS-2018-000423-IDN](#)
[Satellite Images \(Sentinel Asia\): ERIDL000044](#) [DRR & Disaster Information](#)

Duration	2018/12/22	
Country or District	Indonesia	
Name	Tsunami	
Outline	On 22 December 2018, undersea landslides likely caused by the Krakatoa volcano eruption triggered a tsunami which hit the coastal areas around Sunda Strait between Java and Sumatra islands of Indonesia. More than 200 people were killed.	

Summary		
Human Impact	Physical Impact	Others
UNOCHA 2018/12/25		
Killed: 430 Injured: 1,495 Missing: 159 Displaced: 21,991	Damaged house: 924	
IFRC 2018/12/25		
Killed: 373 Injured: 1,459 Missing: 128 Displaced: 5,669	Damaged house: 681	
UNOCHA 2018/12/24		

Fig. 3-2-2 Details of Disaster Information

Since FY2007, the website has been linked to JAXA's Disaster Management Support System, giving further value added information, namely satellite imageries of the affected areas.

As of 25 February 2019, a total of 2,319 disasters have been registered in the database.

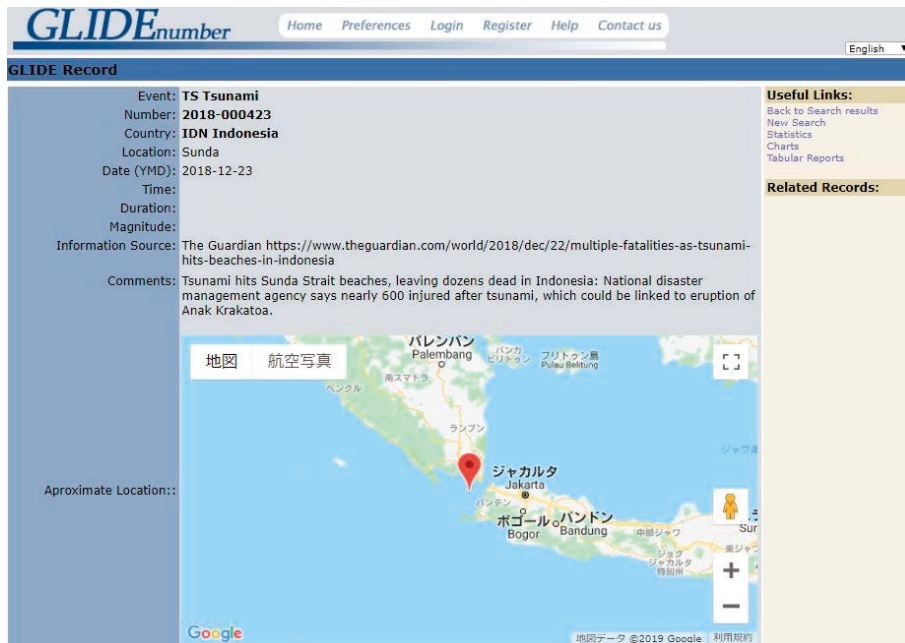


Fig. 3-2-3 The link to GLIDE

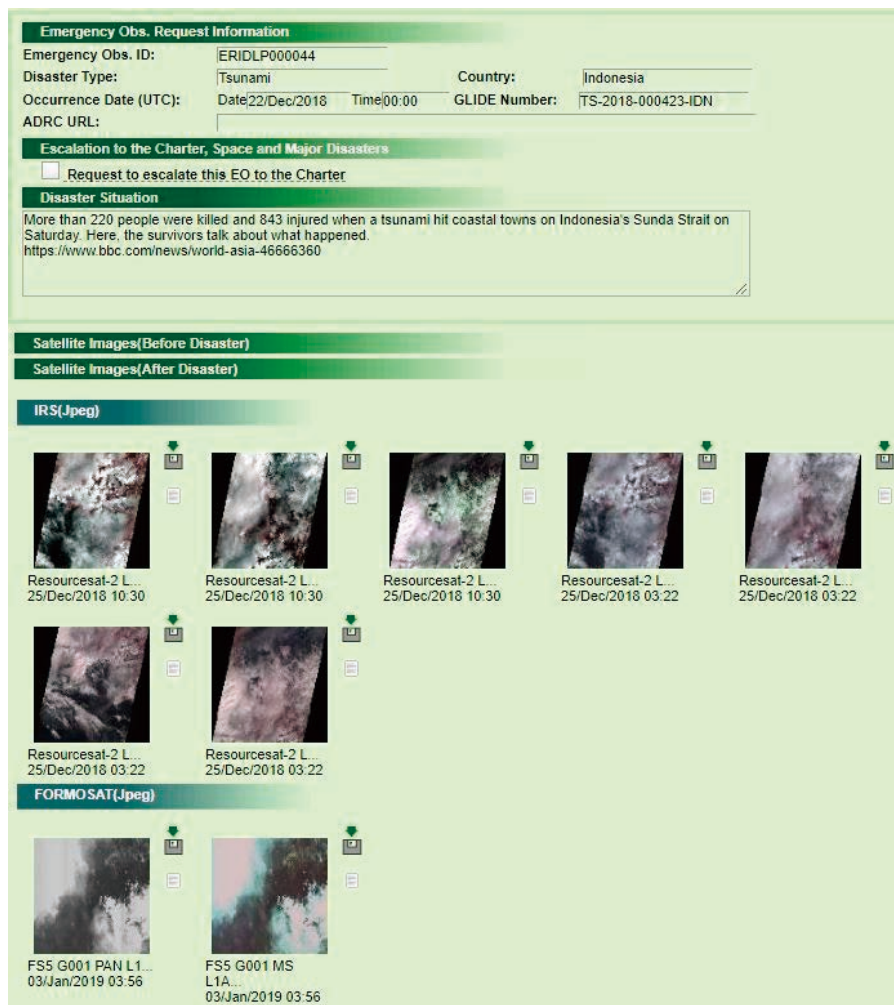


Fig. 3-2-4 Emergency Observation by Sentinel Asia

3-2-2. Asian Disaster Reduction Center 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.



Fig. 3-2-5 ADRC Highlights
(August 2018: 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 ADRC counterparts and former visiting researchers, former 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 2,157, 203 and 899 respectively as of 25 February 2018.

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.

Table 3-2-1 Headlines from ADRC Highlights (FY2018)

Vol.	Main Articles
301	<ul style="list-style-type: none"> ✓ Greetings from new ADRC Executive Director, Mr. Koji Suzuki ✓ ADRC Staff Profile -Mr. Seiji Otsuji, Researcher ✓ Personnel Change
302	<ul style="list-style-type: none"> ✓ UNISDR Asia Partnership Forum 2018
303	<ul style="list-style-type: none"> ✓ Participation in the Regional Training Program “Monitoring Systems, Early Notification Systems, GIS Technology in the Field of Disaster Risk Reduction”
304	<ul style="list-style-type: none"> ✓ The 2nd Central Asia and South Caucasus (CASC) Sub-Regional Platform on Disaster Risk Reduction
305	<ul style="list-style-type: none"> ✓ 2018 Asian Ministerial Conference on Disaster Risk Reduction ✓ Announcement - (Report from ADRC Internship) -Mr. Keigo Matsumura
306	<ul style="list-style-type: none"> ✓ ADRC Visiting Researcher Report - Ms. Borah Mridusmita (India) ✓ ADRC Visiting Researcher Report - Ms. Shaufa Aminath (Maldives) ✓ Announcement - (Report from ADRC Internship) -Mr. Masato Higuchi
307	<ul style="list-style-type: none"> ✓ ADRC Visiting Researcher Report - Ms. Azis Mazni (Malaysia) ✓ Participation in International Conferences International Conferences ✓ APEC 12th Senior Disaster Management Officials
308	<ul style="list-style-type: none"> ✓ Asian Conference on Disaster Reduction 2018
309	<ul style="list-style-type: none"> ✓ Participation in International Conferences - Sixth Joint Project Team Meeting for Sentinel Asia STEP3 (JPTM2018) ✓ Participation in International Conferences - The 25th Asia-Pacific Regional Space Agency Forum (APRSAF) ✓ ADRC Short-term Visiting Report
310	<ul style="list-style-type: none"> ✓ Happy New Year 2019 -Masanori HAMADA, Chairman, ADRC ✓ ADRC Visiting Researcher Report -Ms. Ei Shwe Sin Win (Myanmar) ✓ ADRC Visiting Researcher Report -Ms. Lalita Panoottikorn (Thailand)
311	<ul style="list-style-type: none"> ✓ ADRC Visiting Researcher Report -Ms. Janice Montes Padagdag (Philippines) ✓ Participation in International Conferences - Human Resource Development and Space Data Utilization for Disaster
312	<ul style="list-style-type: none"> ✓ "Comprehensive Disaster Risk Reduction A" and “Comprehensive Disaster Risk Reduction and Management in the African Region”