



ADRC Highlights

Asian Disaster Reduction Center Biweekly News Vol. 7
September 1, 2000

➤ Data Book on Asian Natural Disasters in the 20th Century

In commemoration of ADRC's 2nd anniversary of the establishment, we have published "Data Book on Asian Natural Disasters in the 20th Century".

□ The source of data is CRED.

We have edited this data book by using the data from Emergency Disaster Events Database(EM-DAT) created by the Center for Research on the Epidemiology of Disasters, Louvain Catholic University (CRED), Belgium, and it is known as the world one comprehensive disaster database

CRED, which was established in 1973 as a non-profitable research organization, has made Emergency Disaster Events Database(EM-DAT) with the cooperation of the Office of U.S. Foreign Disaster Assistance (OFDA), in which more than 12,000 natural & manmade disasters occurred after 1900 around the world are registered. The total number of natural disasters including epidemic registered on the EM-DAT is 8,118.

The criteria to be registered to EM-DAT is as follows.

- < <http://www.cred.be/emdat/> >
- 10 or more people reported killed
- Call for international assistance
- 100 people reported affected
- Declaration of a state of emergency

The standard data subjects are as follows.

- The date • Type • Country • Region
- The number of dead people
- The number of affected population
- The number of injured people • The number of homeless
- Estimated damage • Source

The enhanced data subjects are as follows.

- Scientific indication • Cause • Affected area
- Longitude, latitude of epicenter • Others

ADRC has concluded the MOA between CRED on collaboration on information and data on disasters and edited this data book.

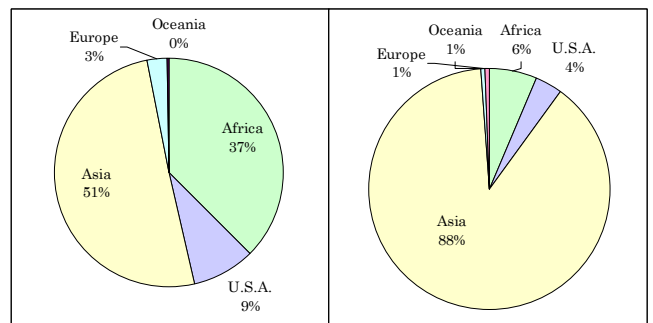
□ Editorial Policy

In this data book, we have summarized the number of disasters, dead people by each region, decade and type of disaster for 100 years registered in EM-DAT. Also we have made summary in detail for the years from 1975 to 1999, after the establishment of CRED, which means the data reliability may be high. In this period, 71.8% (5,401/Total 7,523) of natural disasters, 7.4% (1,553,985 / Total 21,028,850) of number of people killed out of 100 years is registered. Furthermore, concerning the member countries and advisory countries, we have added the raw data of natural disaster for 100 years to understand not only the tendency of the world disaster but also the details such as when, where and how disasters occurred.

From the data table, we found that the number of disasters, affected people and estimated damage tends to increase, as against, the number of dead people shows the tendency to decrease recently in the world. Also we can find that almost a half of the total number of dead people around the world by natural disaster are in the Asian region, and the number of the affected people in Asia covers 90 per cent of total affected people of the

world. It means the humanitarian damage caused by disasters in the Asian Region is outstandingly high compared to other regions.

Herewith, this data book could be usable for various comparison and consideration from many different angles. ADRC hopes that the users of each field will make the best use of it. This data book will soon be published on our WebSite. Besides, if you would like to have this data book, please contact to ADRC. We will send it to you if you pay the postage.



Number of People Killed <1975-1999>

Total Number of Affected People <1975-1999>

➤ Current Activity of ADRC

□ Participation in the APDIN

ADRC participated in the working group meeting of "Asia Pacific Disaster Information Network (APDIN)" held in Canberra, Australia from 16 to 18 August. This meeting was to strengthen the partnership among the concerned disaster reduction organizations, the member of the Global Disaster Information Network (GDIN) held in this April, located in the Asia Pacific Region. It was organized by EMA, Australia and we discussed about the concrete regional projects with Pacific Disaster Center (PDC), Center of Excellence in Disaster Management & Humanitarian Assistance(COE), South Pacific Applied Geoscience Commission(SOPAC), AGSO, ADPC, China, New Zealand etc.

➤ Recent Natural Disasters

□ Floods in India

By the monsoon rainfall since the end of July, which caused severe flood in Nepal, Bangladesh, northeastern States of Assam, Bihar, and West Bengal, the southern Indian State of Andhra Pradesh has experienced devastating floods since 23rd August triggered by the highest rainfall in 46 years. So far, 179 people were killed and 252,000 people are homeless. (Aug. 29, OCHA)

□ Floods and Landslide in Nepal (Cont.)

The following is the updated data on the loss of lives and properties (72 districts out of 75) caused by the flood and landslide triggered by monsoon rainfall since June.

People			Affected Families	Animal Losses	Houses Destroyed		Sheds Destroyed	Estimated Losses (in Rs.)
Death	Injury	Missing			Completely	Partly		
122	73	11	8,896	411	1,571	1,310	206	468,734,490

<As of Aug. 25>

---Posted by Dr. Chhetri, Ministry of Home Affairs, NEPAL

If you have comments or needs for this Newsletter, please write to ADRC in the right box.

Published by : Asian Disaster Reduction Center (ADRC)

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