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• *Centre for Research on the Epidemiology of Disasters - CRED*
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Cambodian Disaster Database



*A national experience based on
EM-DAT*

Regina Below, Database Manager



CONTEXT

In the context of a Belgium Co-operation Project, CRED has developed a disaster database prototype for :

- National Institute of Public Health**
- Disaster Bureau of the Ministry of Health**
- National Committee of Disasters Management of Cambodia**

OBJECTIVES

- **Develop a database adapted to the country level needs, based on the existing EM-DAT database**
- **Improve the database prototype in order to respond to the needs of NIPH and Ministry of Health**
- **Train people entering disaster data, methodology, management of the database, search and queries options**
- **Take this experience as a pilot project which could be developed in South-East Asia region**

CAMBODIA DISASTER DATA

<u>Disaster type</u>	<u>Number of events</u>
Wind storms	1
Flood	8
Drought	3
Famine/food shortages	3
Epidemic	5
Transport accidents	3
Misc.accidents	2
TOTAL	25

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CAMBODIA DATABASE

The database has been developed in Access (97/English version), based on EM-DAT model

DATA ENTRY SCREEN

Cambodia Country Data Last Modified 16-avr-03

Cambodia Disaster Database

DisNo 20020001 **Start Day** **Start Month** 1 **Start Year** 2002 **Time Local**

EMDAT DisNo 20020485 **End Day** **End Month** **EndYear:**

DisType Drought **Killed** **Primary Source** UN:OCHA

Dis Group Natural **Injured** **Add Source 1** Press:AFP

Dis Subset Drought **Homeless** **Add Source 2** IFRC

Dis Name **Affected** **Add Source 3** Lloyds Cas Wk

Dis Scale Value **Total Affected** **Add Source 4** UN:WFP

Dis Scale **Total Affected** **Reason** SigDis

Province Takeo, Kampot, Kampong Speu **Damage US (000's)**

District **Damage REAL (000's)**

Other Location Info

Lat: **Long:**

International Status:

Assistance Appeal National Disaster Declaration

Sectors Affected:

Agriculture Electricity

Water and Sanitation Industry

Housing/Buildings Health

Animals Education

Transportation Cultural Infrastructure

Comments

UN:OCHA: Worst drought in 20 years, start in January over July, 551 communes affected, 650000 people facing food shortages, 50% of the country lost their rice crops, no request international assistance; # PRESS:AFP: La moitié des 12 millions de Cambodgiens touchés à des degrés divers par l'absence de pluie; # IFRC: Possibly the worst drought for 20 years, 31% of 1609 communes unable to plant rice crop; # LCW: Drought left heavy consequences on 700000 familles in 551 communes in 55 districts, it ruined 200000 ha crops, leaving an economic damage of 38 million USD, the worst since 1944; # UN:WFP: WFP estimated some 670000

Total Aid Contribution

Save or Update Data

Record: 24 of 25

CONTENTS

- (1) Disaster identification and information**
- (2) Spatial information**
- (3) Temporal information**
- (4) Human and economic impact**
- (5) Sectors affected**
- (6) Sources and comments**
- (7) International status**

CONCLUSION AND RECOMMENDATIONS

- (1) Conceptualise the database as a relational model at sub-national level (entering data/information at sub-national level)**
- (2) Create additional fields (e.g. Typology, socio-economic characteristics of the area affected, etc. ...)**
- (3) Links to other existing databases and source of information (e.g. Ministry of Health)**

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For more information:

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