

# EM-DAT

THE EMERGENCY EVENTS DATABASE

Data  
That  
Save  
Lives



**CRED**  
Centre for Research on the  
Epidemiology of Disasters



**UCLouvain**



**USAID**  
FROM THE AMERICAN PEOPLE

# EM-DAT's data save lives in numerous essential ways

The EM-DAT database is a crucial resource that provides data necessary for making timely and effective decisions, thus improving disaster preparedness, response, and mitigation efforts. Ultimately, this helps to protect lives, sustain livelihoods, and support development.

## RAISE AWARENESS TO IGNITE ACTION

### Sharing Knowledge

▶ EM-DAT promotes advocacy and action by highlighting the tangible impacts of disasters, particularly those exacerbated by climate change.

### Protecting Vulnerable Communities

▶ EM-DAT provides policymakers and international organizations with data that can guide strategic measures aimed at protecting vulnerable communities.

“  
We rely on EM-DAT for planning and risk analysis, crucial for our humanitarian operations.

DANITZA HAUGHTON  
IOM, PANAMA



“  
EM-DAT is vital for managing disaster risks, aiding in my research on socio-economic impacts since 2007. Without EM-DAT my career would have been completely different.

ILAN NOY  
VICTORIA UNIVERSITY OF WELLINGTON,  
NEW ZEALAND



“  
For over 20 years, EM-DAT's data have been invaluable to the global disaster risk reduction community.

YUICHI ONO  
IRIDeS, JAPAN



### Empowering Risk Management

▶ Experts use EM-DAT to advocate for evidence-based policy changes and to improve disaster risk management, such as securing funds for mitigation and recovery efforts.

### Improving Data Collection

▶ EM-DAT identifies regions with inadequate data by partnering with local stakeholders and academic institutions. This collaboration raises awareness and enhances data collection efforts.

“  
EM-DAT is essential for understanding the relationship between extreme weather events and impacts.

AGLAE JEZEQUEL  
LMD, FRANCE



“  
Thanks to EM-DAT, we can transform past disaster data into actionable plans that save lives and strengthen resilience.

AMOD MANI DIXIT  
NATIONAL SOCIETY FOR EARTHQUAKE TECHNOLOGY, NEPAL



## ANTICIPATE TO REDUCE THE IMPACT OF DISASTERS

### Fostering Disaster Research

▶ EM-DAT's extensive historical records enable researchers to anticipate disasters and develop effective response strategies.

### Planning Disaster Mitigation and Preparedness

▶ Insights from EM-DAT inform crucial policies, such as building codes and early warning systems, which help to enhance disaster readiness.

“  
EM-DAT remains the leading and most credible source for disasters and loss data for Africa, which has informed policies at continental, regional, and national levels.

DEWALD VAN NIEKERK  
NORTH WEST UNIVERSITY,  
SOUTH-AFRICA



# Learning from the past to prepare for the future

EM-DAT is a comprehensive dataset which tracks the occurrence of disasters globally, along with their human and economic impacts.

## Essential evidence-based data

for policymakers and disaster risk experts, both in the public and private sectors, researchers, and NGOs.

## 26,000+ disaster records

dating back to 1900 offering a broad historical view.

## Unique global database

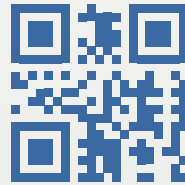
disasters and their impacts on a global level.

## 80,000+ registered users

outreach through derivative papers, reports, and other products.

## Open Access

for non-commercial uses.



Visit the  
EM-DAT  
website

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[www.emdat.be](http://www.emdat.be)

## Did you know that more than 10,000 Natural Hazard-Induced Disasters have occurred so far in the 21<sup>st</sup> century

resulting in more than:



**1.6+ million**  
deaths



**4.6+ billion**  
people affected



**US\$ 4,500 billion**  
damage



**Earthquakes**  
are the deadliest  
disasters, with over  
790,000 deaths  
since 2000.



**Floods** are the most frequent  
disasters and affect the largest  
number of people, accounting  
for 25% of the database content  
and impacting more than  
1.8 billion people since 2000.



**Storms** are the  
costliest disasters,  
causing more than  
US\$ 2,164 billion in  
damages since 2000.