

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.

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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.

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

AGLAE JEZEQUEL
LMD, FRANCE



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.

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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



“
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

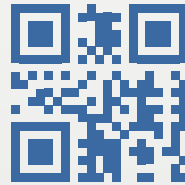
disasters and their impacts on a global level.

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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Did you know that more than 10,000 Natural Hazard-Induced Disasters have occurred so far in the 21st 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.