

EM-DAT

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EM-DAT in short

- **EM-DAT** (° 1988): global disaster loss database, with evidence-based information on disaster occurrences and their human and economic impact.
- Historical data: 1900 - today.
- Global coverage (> 180 countries).
- Open access: publicly available www.emdat.be

What is a disaster?

“A situation or event, which overwhelms local capacity, necessitating a request for external assistance at national or international level; an unforeseen and often sudden event that causes great damage, destruction and human suffering”

Inclusion criteria

At least one of the following:

- 10 or more persons reported killed.
- 100 or more persons reported affected.
- A call for international assistance.
- A declaration of a state of emergency.

Classification

					
Geophysical	Hydrological	Meteorological	Climatological	Biological	Extra-terrestrial
Earthquake	Flood	Storm	Drought	Animal accident	Impact
Mass Movement (dry)	Landslide	Extreme temperature	Glacial lake outburst	Epidemic	Space weather
Volcanic activity	Wave action	Fog	Wildfire	Insect infestation	

Source : IRDR Peril Classification and Hazard Glossary, 2014

Impact

- Influence

- Inform humanitarian action.
- Improve rational decision-making in disaster preparedness.
- Provide evidence for communities' disasters vulnerabilities.
- Support policy-making (e.g., setting priorities).

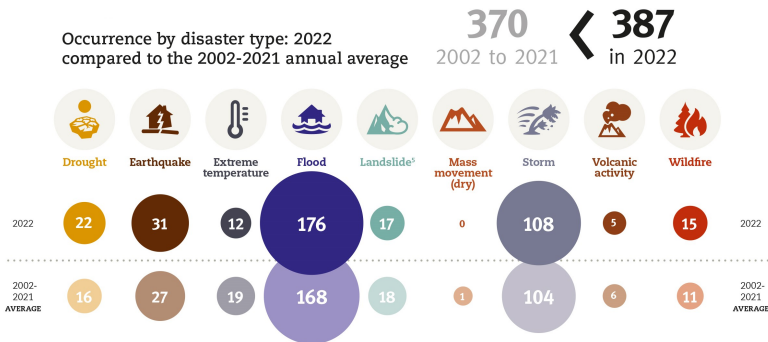
■ Users

- Academics - 80 %
- National & international organizations - 10 %
- Private - 5 %
- Media - 5 %

Review 2022

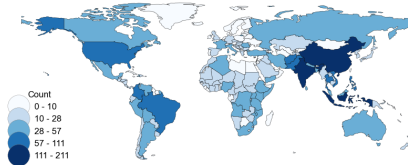


Review 2022



Floods reported worldwide - 2000-2022

Flood occurrence per country (2000-2022)



Flood deaths per country (2000-2022)



Heatwaves reported worldwide - 2000-2022

Heatwave occurrence per country (2000-2022)



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- Internal & **external** user-interfaces (direct link).

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- Improving **epidemics & heatwave impact** data.
- Strengthening direct & indirect **economic impact** data.

Data collection & analysis support

- Data


- Systematic information search.
- Data collection (e.g., heatwaves, epidemics, ...).
- ...

■ Analysis

- Indicators (disease burden, economic impact,...).
- Spatial-temporal modelling.
- ...

- Translating the information.

Contact-info

- Contacting us:
 - E-mail: contact@cred.be
- Following us:
 - Newsletter subscription: www.emdat.be
 -  [@CREDUCL](https://twitter.com/CREDUCL)

Questions?