

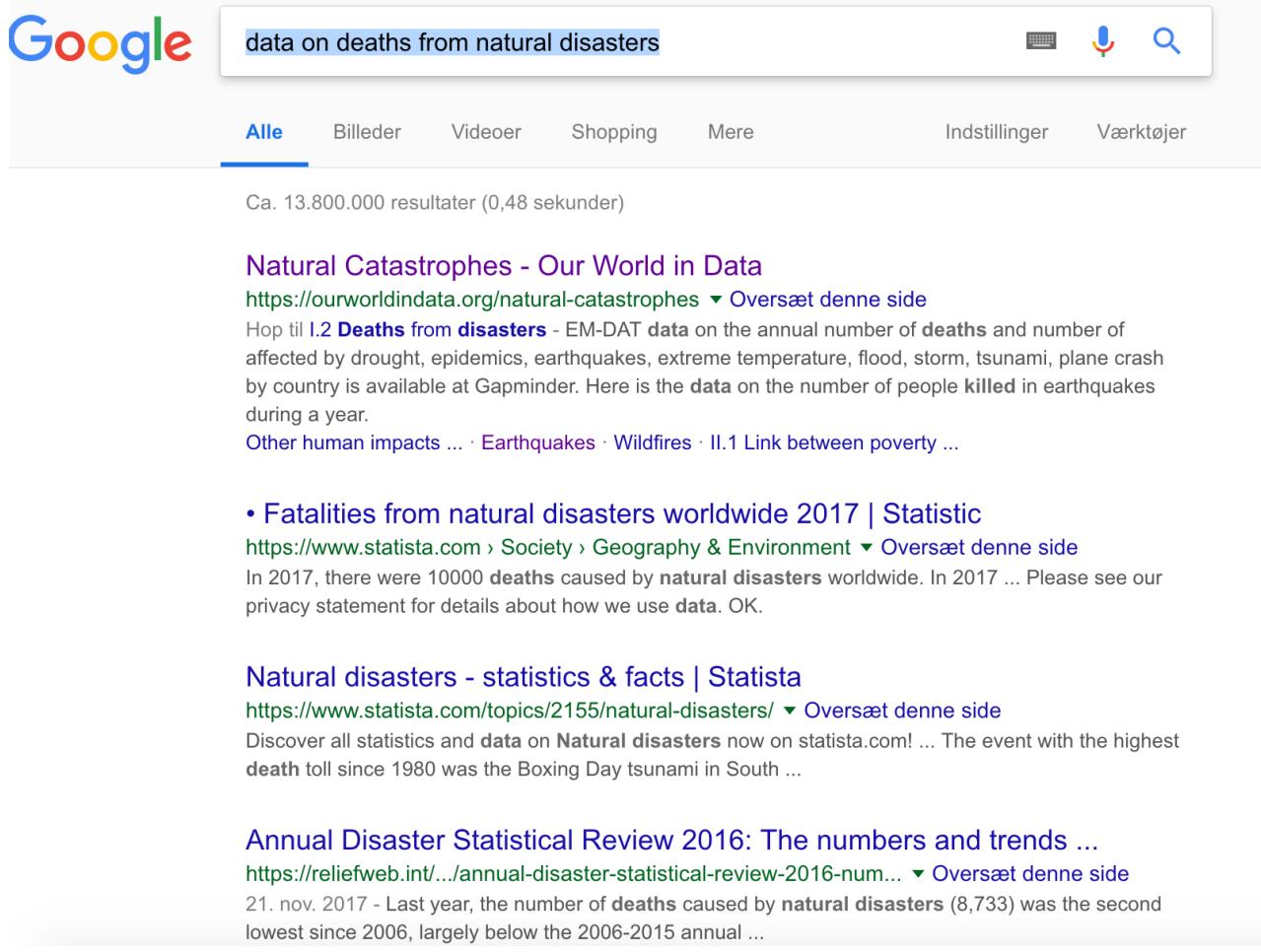
# What we found of places to find data

Recommendations from teacher: <https://datacatalog.worldbank.org>

## First Search

Google search (Query) = data on deaths from natural disasters

Result



Google search results for "data on deaths from natural disasters":

- Natural Catastrophes - Our World in Data**  
<https://ourworldindata.org/natural-catastrophes> ▾ [Oversæt denne side](#)  
Hop til I.2 Deaths from **disasters** - EM-DAT data on the annual number of **deaths** and number of affected by drought, epidemics, earthquakes, extreme temperature, flood, storm, tsunami, plane crash by country is available at Gapminder. Here is the **data** on the number of people **killed** in earthquakes during a year.  
Other human impacts ... · Earthquakes · Wildfires · II.1 Link between poverty ...
- **Fatalities from natural disasters worldwide 2017 | Statistic**  
<https://www.statista.com> › Society › Geography & Environment ▾ [Oversæt denne side](#)  
In 2017, there were 10000 **deaths** caused by **natural disasters** worldwide. In 2017 ... Please see our privacy statement for details about how we use **data**. OK.
- Natural disasters - statistics & facts | Statista**  
<https://www.statista.com/topics/2155/natural-disasters/> ▾ [Oversæt denne side](#)  
Discover all statistics and **data** on **Natural disasters** now on statista.com! ... The event with the highest death toll since 1980 was the Boxing Day tsunami in South ...
- Annual Disaster Statistical Review 2016: The numbers and trends ...**  
<https://reliefweb.int/.../annual-disaster-statistical-review-2016-num...> ▾ [Oversæt denne side](#)  
21. nov. 2017 - Last year, the number of **deaths** caused by **natural disasters** (8,733) was the second lowest since 2006, largely below the 2006-2015 annual ...

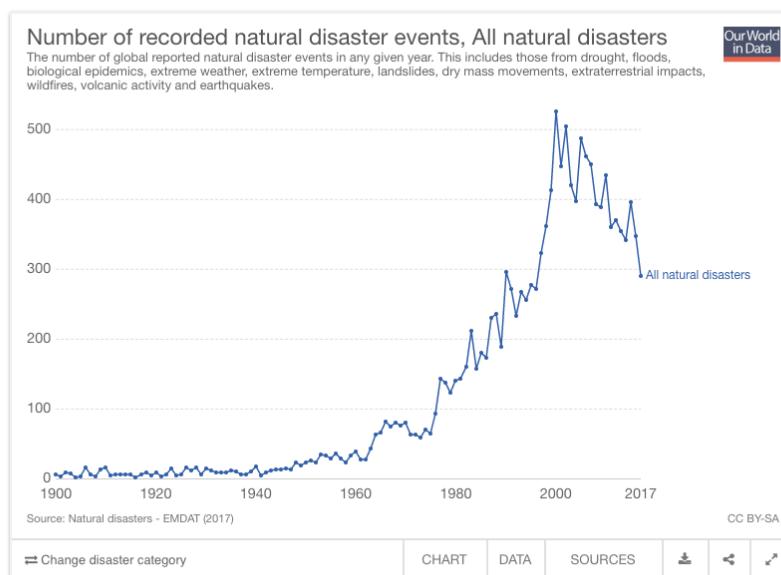
First website visited: <https://ourworldindata.org/natural-catastrophes>

# Natural Catastrophes

by Hannah Ritchie and Max Roser [\[cited\]](#)

## I. Empirical View

### I.1 Number of reported disaster events



### Contents

- I. Empirical View
  - I.1 Number of reported disaster events
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  - I.3 Other human impacts from disasters
  - I.4 Economic costs
  - I.5 Death rates in the US
  - I.6 Earthquakes
  - I.7 Volcanoes
  - I.8 Landslides
  - I.9 Droughts
  - I.10 Hurricanes, Tornados, and Cyclones
  - I.11 Extreme precipitation and flooding
  - I.12 Extreme Temperature (Heat & Cold)
  - I.13 Wildfires
  - I.14 Lightning
  - I.15 Famines
- II. Correlates, Determinants & Consequences
  - II.1 Link between poverty and deaths due to environmental causes
- III. Data Definitions & Metrics
  - III.1 Hurricanes, cyclones, typhoons & tornadoes
  - III.2 Volcanic Explosivity Index (VEI)
- IV. Data Sources
  - IV.1 Multiple Types of Disasters
  - IV.2 Earthquakes
  - IV.3 Fire
  - IV.4 Tsunami
  - IV.5 Floods
  - IV.6 Hurricanes
  - IV.7 Volcanoes
  - IV.8 Lightning

### I.2 Deaths from disasters

On this website, we looked at the sources for one of the charts

# Sources

OurWorld  
inData

Number of recorded natural disaster events, All natural disasters reported natural disaster events in any given year. This includes those from drought, floods, biological epidemics, extreme weather, extreme temperature, landslides, dry mass movements, extraterrestrial impacts, wildfires, volcanic activity and earthquakes.

NUMBER OF DISASTERS (EMDAT (2017))

Variable geographic coverage	Global
Variable time span	1900-2017
Data published by	EMDAT (2017): OFDA/CRED International Disaster Database, Université catholique de Louvain – Brussels – Belgium
Data publisher's source	Census data
Link	<a href="http://www.emdat.be/">http://www.emdat.be/</a>

The data presented here includes all categories classified as "natural disasters" (distinguished from technological disasters, such as oil spills and industrial accidents). This includes those from drought, floods, biological epidemics, extreme weather, extreme temperature, landslides, dry mass movements, extraterrestrial impacts, wildfires, volcanic activity and earthquakes.

The combined set of "all natural disasters" also includes disasters defined as "insect infestations", however this has not been included as a discrete dataset due to low impact numbers.

emdat defines the following variables as:

Affected: "People requiring immediate assistance during a period of emergency, i.e. requiring basic survival needs such as food, water, shelter, sanitation and immediate medical assistance."

Source: Natural Disasters - EMDAT (2017)

CC BY-SA

CHART DATA SOURCES



Here we found another website: <https://www.emdat.be/database>

## Second Search

Found this line "Centre for Research on the Epidemiology of Disasters" on the above website which we create a search of.

Google Search (Query) = Centre for Research on the Epidemiology of Disasters

Result

**Google**

Centre for Research on the Epidemiology of Disasters
 Search...

Alle
Billeder
Maps
Videoer
Mere
Indstillinger
Værktøje

Ca. 3.720.000 resultater (0,52 sekunder)

### Centre for Research on the Epidemiology of Disasters | Centre for ...

<https://www.cred.be/> ▾ Oversæt denne side

2018-0079 Fire in a rehabilitation centre; Bakou, Azerbaijan ..... The **Centre for Research on the Epidemiology of Disasters (CRED)** has been active for over 40 ...

#### Publications

Title · Year · Published, Authors, Link.  
Cred Crunch 52 ...

#### About

CRED has been active for over 40 years in the fields of ...

#### Staff

As technical support staff, she is involved in different activities at ...

[Flere resultater fra cred.be »](#)

#### EM-DAT

Matthias obtained a Bachelor's degree in Biology at the Hasselt ...

#### Ongoing projects

Emergency Events Database (EM-DAT). Funding, USAID/OFDA ...

#### Year

Title · Year sort descending · Published, Authors, Link ...

### Centre for Research on the Epidemiology of Disasters - Wikipedia

[https://en.wikipedia.org/.../Centre\\_for\\_Research\\_on\\_the\\_Epidemio...](https://en.wikipedia.org/.../Centre_for_Research_on_the_Epidemio...) ▾ Oversæt denne side

The **Centre for Research on the Epidemiology of Disasters (CRED)** is a research unit of the Université catholique de Louvain (UCL). It is situated at the School of ...

[History · Focus](#)

#### First result

The screenshot shows the homepage of the CRED website. At the top, there is a navigation bar with links for Home, About, Press, Projects, Publications, and Events. Below the navigation bar, there is a section titled "What's New" featuring a chart of economic damages from various disasters. To the right, there is a section titled "Disasters: Week In Review" with a list of events for Week 43-2018 and Week 42-2018.

Economic Damages (Billion USD)	
Earthquake	Karnica & Willa (USA Central Am. & Caribbean) (\$2.2 billion)
Earthquake	Zhangjiakou, China (\$1.8 billion)
Earthquake/Tsunami	Hurricane Harvey (USA Gulf of Mexico) (\$15.2 billion)
Read more	

**Disasters: Week In Review**

**Week 43-2018: October 22 - October 28**

**Natural disasters:**

- 2018-0403 Floods; Jordan
- 2018-0404 Earthquake; Zante Isl., Greece
- 2018-0406 Hurricane Willa; Mexico
- 2018-0407 Floods and storms; Krasnodar Krai, Russia

**Technological disasters:**

- 2018-0402 Collision between a bus and a truck; Amhara state, Ethiopia
- 2018-0405 Ship accident; Benue state, Nigeria

**Week 42-2018: October 15 - October 21**

**Natural disasters:**

- 2018-0375 Floods; South of France

Here we clicked projects → past projects and found the following



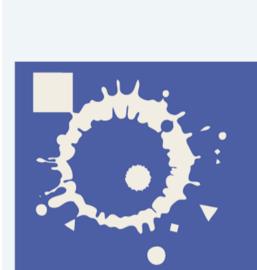
# Centre for Research on the Epidemiology of Disasters

## CRED

Search... [Follow us:](#)  

Past projects

**SNOWBALL - Lower The Impact Of Aggravating Factors In Crisis Situations Thanks To Adaptive Foresight And Decision-Support Tools**



Funding: European Union - 7th Framework programme

Duration      January, 2014 to January, 2017

Summary	The overall objective of the Snowball project is to increase preparedness, and enhance mitigation capacities related to amplifying hazards in large disasters. Snowball carries out analyses on cascading effects and develops methods to anticipate them. The consortium includes 11 expert partners from 8 European countries.
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Within Snowball, CRED plays a major role in the identification and analysis of past crises with cascading effects, realized on the basis of its [Emergency Events Database \(EM-DAT\)](#).

At a later stage, CRED will be deeply involved in the **testing of the simulation tool** in the context of real crises involving cascading effects.

Here you can find multiple site with information around Disasters. (The second is a project about complex emergency)

## Second Search

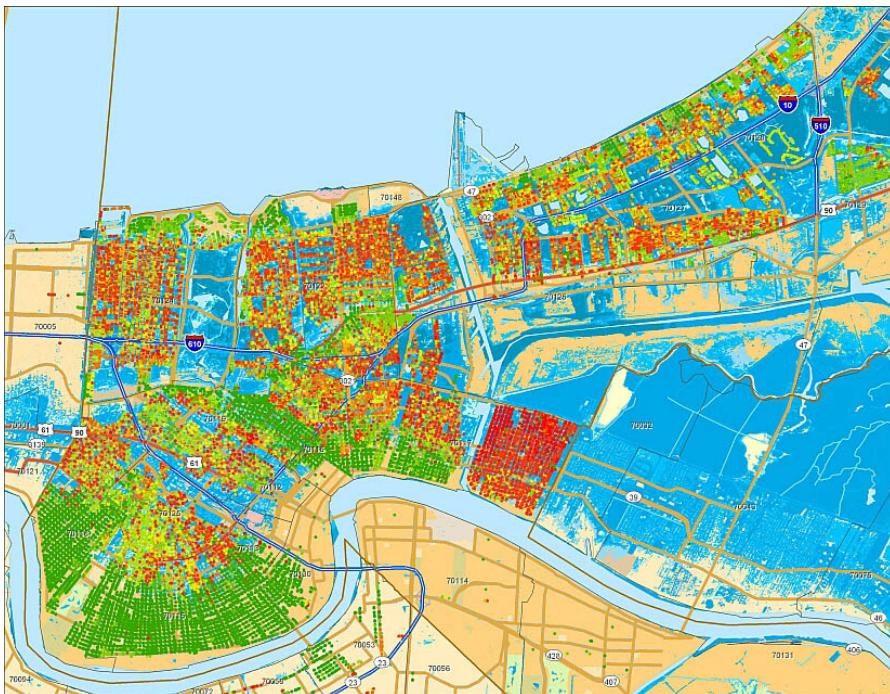
Google Search (Query) = map of hurricane damage (In google pictures)

## Result

The image shows a Google search results page for the query "map of hurricane damage". The top navigation bar includes the Google logo, a search bar with the query, and icons for camera, microphone, and search. Below the search bar, there are tabs for "Alle", "Billeder" (selected), "Maps", "Shopping", "Videoer", "Mere", "Indstillinger", and "Værktøjer". To the right, there are links for "Se gemte billeder" and "Beskyttet søgning". The main content area displays a grid of 10 map thumbnails. The first row contains maps for Puerto Rico, Hurricane Florence, Hurricane Katrina, Hurricane Matthew, Hurricane Maria, Hurricane Florence, Hurricane Harvey, Hurricane Irma, Hurricane Sandy, and Hurricane Katrina Research Maps from lsu.edu. The second row contains maps for Hurricane Irma: Damage mapped - BBC News from bbc.com, Assessing Damage From Hurricane Sandy - Gr... from nytimes.com, 16 maps and charts that sho... from chron.com, and Post-Hurricane Katrina Re... from lsu.edu. The third row contains maps for Hurricane Harvey from nasa.gov, Forecast Precipitation from nasa.gov, Tropical Storm Harvey from nasa.gov, Current information x from nasa.gov, Forecast positions: Tropical Storm Harvey from nasa.gov, and Hurricane Sandy from nasa.gov.

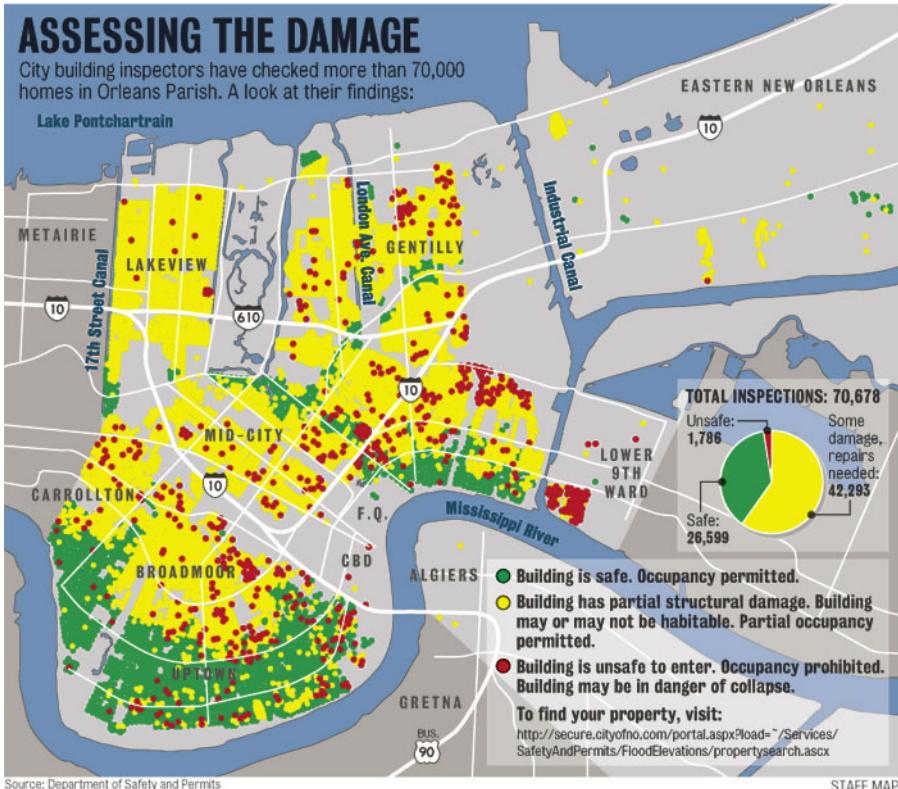
We found 2 interesting things

First



Here we found information about the Hurricane Katrina

Second



We also found information about damages from Katrina

By clicking this picture, we found multiple information about Katrina

# Hurricane Katrina Graphics

Click on thumbnail images  
to view graphics

All graphics and maps  
© The Times-Picayune.

To see more graphics, visit the Times-Picayune's  
[nola.com Katrina graphics page](http://nola.com/Katrina graphics page).



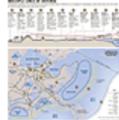
## New Orleans Canals

A historical look at New Orleans canals and population sprawl from the 1720s to present, and then Katrina. Basically, this graphic shows that the flooded areas were once uninhabited swamps. As the city grew, more canals were needed to keep the new neighborhoods (swamps) dry. The oldest areas of the city did not flood since they were originally built on the higher ground near the Mississippi River.



## Victims Of Katrina: Where They Were Found

This big map plots the locations where bodies were found after the storm. Map also shows the flooded areas of the city.



## Multiple Lines Of Defense

This graphic shows one of the many ideas sprouting up from planning experts.



## Katrina's Initial Track

The first tracking map we did before the storm shifted toward New Orleans. We thought we were in the clear at first.



## How Much Water Did You Get?