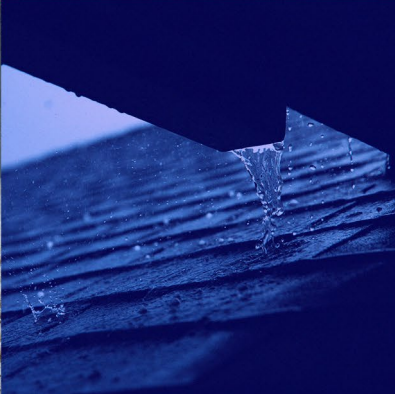
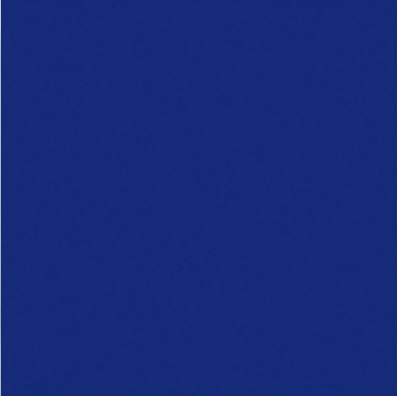
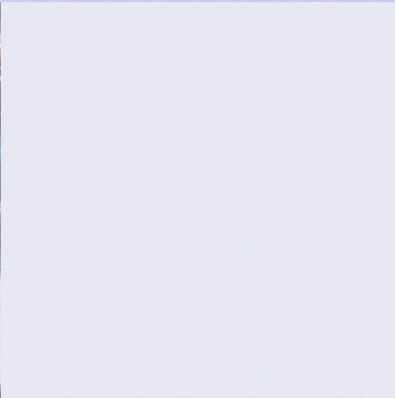
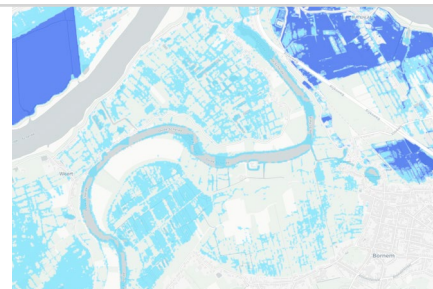


Data Catalogue



Flood Hazard - Belgium (Flanders)

The datasets included in this collection depict flood-prone areas in the Flanders region in Belgium, for river flood events of different return periods (1000, 100, and 10 years).



Source:
geoservice.waterinfo.be

Update requirements:
none

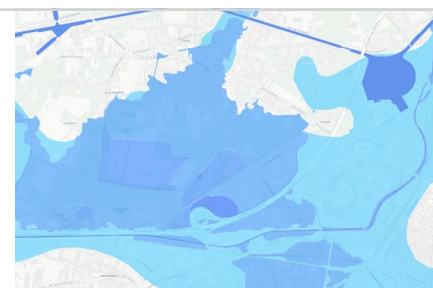
Data coverage:
local

Data format:
vector

Restriction regarding use:
There are no restrictions, with the condition to acknowledge the source.

Flood Hazard - Belgium (Wallonia)

The datasets included in this collection depict flood-prone areas in the Wallonia region in Belgium for river flood events of different return periods (500, 100, 50, and 25 years).



Source:
geoportail.wallonie.be

Update requirements:
none

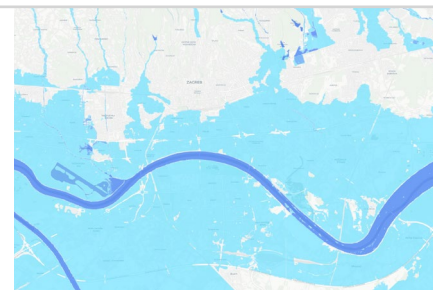
Data coverage:
local

Data format:
vector

Restriction regarding use:
According to the information received from the authorities, it is stated that the data cannot be modified. Thus, we cannot be sure of their take on the commercial use of the data.

Flood Hazard - Croatia

The datasets included in this collection depict flood-prone areas in Croatia for river flood events of different return periods (1000, 100, and 25 years).



Source:
Received directly

Update requirements:
none

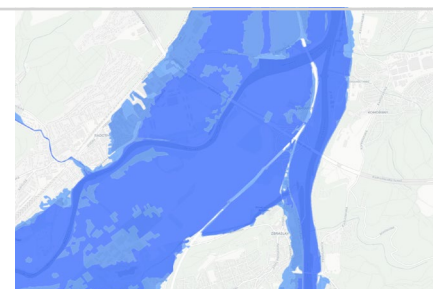
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions for usage, with the mandatory citation of "Hrvatske vode" as the source of this data.

Flood Hazard - Czech

The datasets included in this collection depict flood-prone areas in the Czech Republic for river flood events of different return periods (500, 100, 20, and 5 years).



Source:
heis.vuv.cz

Update requirements:
none

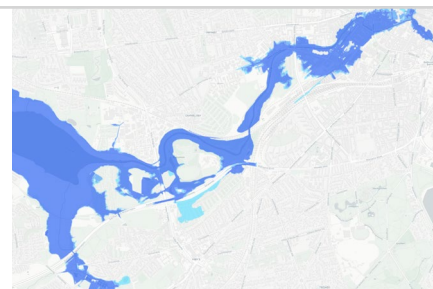
Data coverage:
local

Data format:
vector

Restriction regarding use:
The data can only be used for purposes consistent with the data properties specified in the metadata.

Flood Hazard - Denmark

The datasets included in this collection depict flood-prone areas in Denmark for river flood events of different return periods (1000, 100, and 20 years).



Source:
kyst.dk

Update requirements:
none

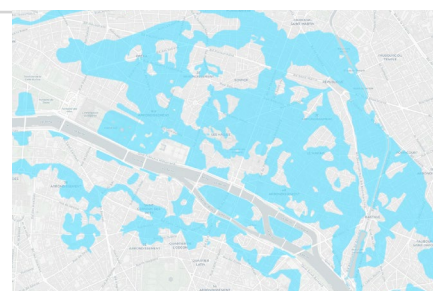
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Flood Hazard - France

The datasets included in this collection depict flood-prone areas in France for river flood events of different return periods (1000, 100, and 20 years).



Source:
data.georisques.fr

Update requirements:
none

Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Flood Hazard - Finland

The datasets included in this collection depict flood-prone areas in Finland for river flood events of different return periods (1000, 500, 250, 100, 50, 20, 10, 5, and 2 years).



Source:
paikkatieto.ymparisto.fi

Update requirements:
none

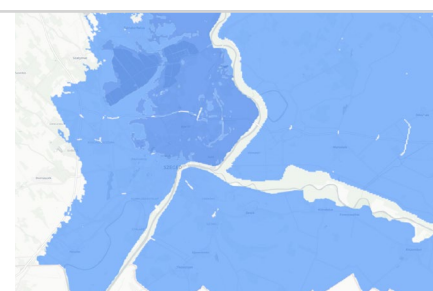
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Flood Hazard - Hungary

The datasets included in this collection depict flood-prone areas in Hungary for river flood events of different return periods (1000, 100, 30, 20, and 5 years).



Source:
Received directly

Update requirements:
none

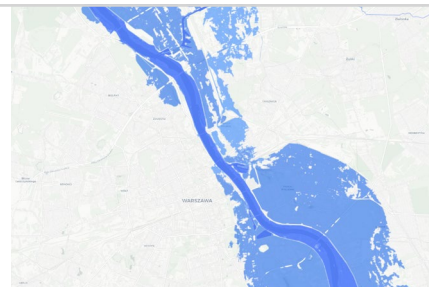
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Flood Hazard - Poland

The datasets included in this collection depict flood-prone areas in Poland for river flood events of different return periods (500, 100, and 10 years).



Source:
wody.isok.gov.pl

Update requirements:
none

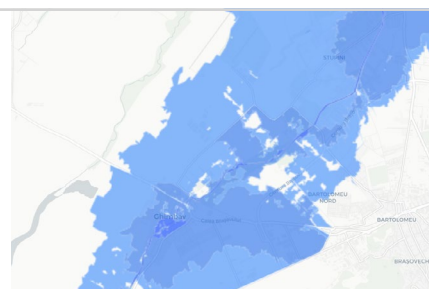
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Flood Hazard - Romania

The datasets included in this collection depict flood-prone areas in Romania for river flood events of different return periods (1000, 100, and 10 years).



Source:
rowater.ro

Update requirements:
none

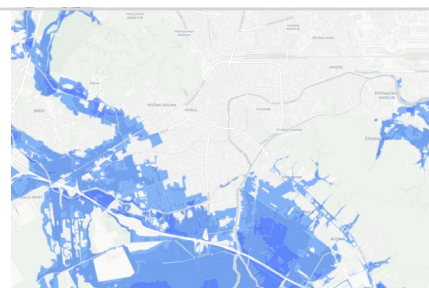
Data coverage:
local

Data format:
vector

Restriction regarding use:
Cannot be used for commercial purposes.

Flood Hazard - Slovenia

The datasets included in this collection depict flood-prone areas in Slovenia for river flood events of different return periods (500, 100, and 10 years).



Source:
epostor.gov.si

Update requirements:
none

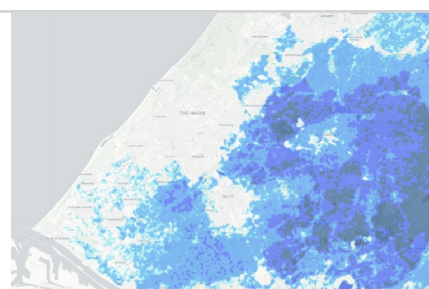
Data coverage:
local

Data format:
vector

Restriction regarding use:
No restrictions

Eu Composite Flood Risk

The datasets included in this collection depict flood-prone areas in Europe for river flood events of various intensities, causes, and frequencies (return periods). The dataset is downloaded from the European Commission portal and processed with GDA.



Source:
data.jrc.ec.europa.eu

Update requirements:
none

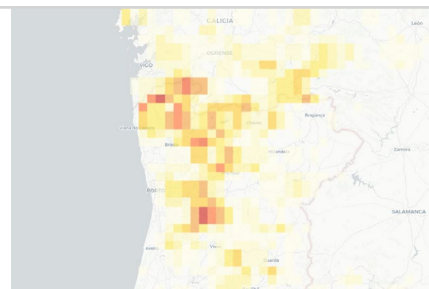
Data coverage:
regional

Data format:
raster

Restriction regarding use:
No restrictions

Global Fire Hazard

The Global Fire Hazard is a calculated index based on NASA-detected active fires from 2000-2020. This highlights the areas more prone to fires.



Source:
neo.sci.gsfc.nasa.gov

Update requirements:
none

Data coverage:
global

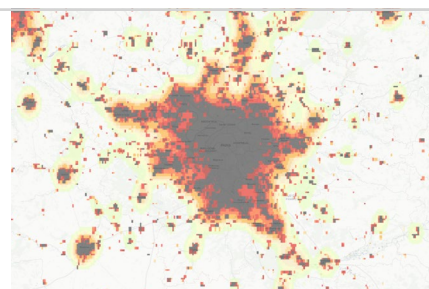
Data format:
raster

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

Light Pollution

Light pollution is an index-based observation done by NASA and derived from the “Black Marble” projects. This highlights the areas in which light pollution is a problem.



Source:
earthobservatory.nasa.gov

Update requirements:
none

Data coverage:
global

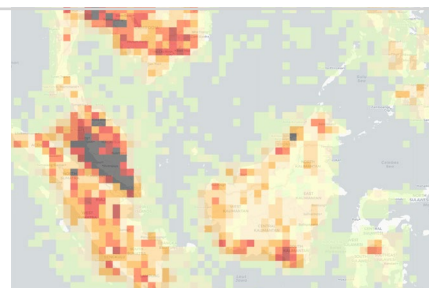
Data format:
raster

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

Global Lightning Hazard

The global lightning hazard index is derived from NASA LIS/OTD Gridded Lightning Climatology and highlights the areas with frequent thunderstorms.



Source:
ghrc.nsstc.nasa.gov

Update requirements:
none

Data coverage:
global

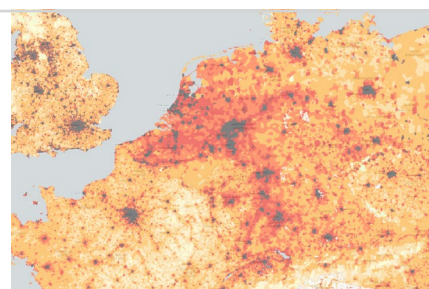
Data format:
raster

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

Population Density 2000

Estimated population density for the years 2000, 2005, 2010, 2015, and 2020, acquired from the Socioeconomic Data and Applications Center (sedac) platform, from Columbia University. The data is useful in estimating population mobility trends.



Source:
sedac.ciesin.columbia.edu/data

Update requirements:
none

Data coverage:
global

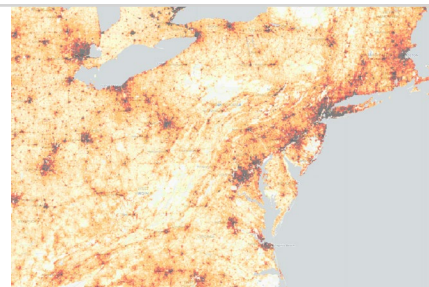
Data format:
raster

Restriction regarding use:

There are no limitations for commercial use (Creative Commons Attribution 4.0 International License).

Population Density 2005

Estimated population density for the years 2000, 2005, 2010, 2015, and 2020, acquired from the Socioeconomic Data and Applications Center (sedac) platform, from Columbia University. The data is useful in estimating population mobility trends.



Source:
sedac.ciesin.columbia.edu/data

Update requirements:
none

Data coverage:
global

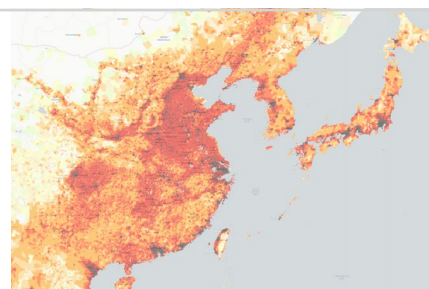
Data format:
raster

Restriction regarding use:

There are no limitations for commercial use (Creative Commons Attribution 4.0 International License).

Population Density 2010

Estimated population density for the years 2000, 2005, 2010, 2015, and 2020, acquired from the Socioeconomic Data and Applications Center (sedac) platform, from Columbia University. The data is useful in estimating population mobility trends.



Source:
sedac.ciesin.columbia.edu/data

Update requirements:
none

Data coverage:
global

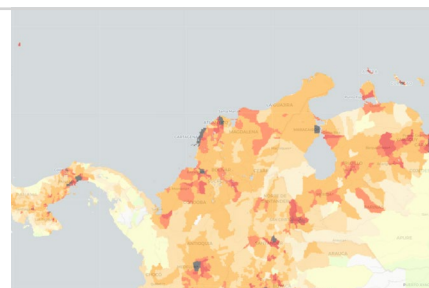
Data format:
raster

Restriction regarding use:

There are no limitations for commercial use (Creative Commons Attribution 4.0 International License).

Population Density 2015

Estimated population density for the years 2000, 2005, 2010, 2015, and 2020, acquired from the Socioeconomic Data and Applications Center (sedac) platform, from Columbia University. The data is useful in estimating population mobility trends.



Source:
sedac.ciesin.columbia.edu/data

Update requirements:
none

Data coverage:
global

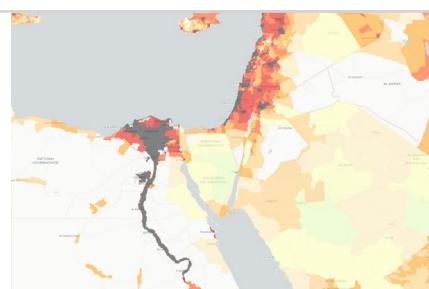
Data format:
raster

Restriction regarding use:

There are no limitations for commercial use (Creative Commons Attribution 4.0 International License).

Population Density 2020

Estimated population density for the years 2000, 2005, 2010, 2015, and 2020, acquired from the Socioeconomic Data and Applications Center (sedac) platform, from Columbia University. The data is useful in estimating population mobility trends.



Source:
sedac.ciesin.columbia.edu/data

Update requirements:
none

Data coverage:
global

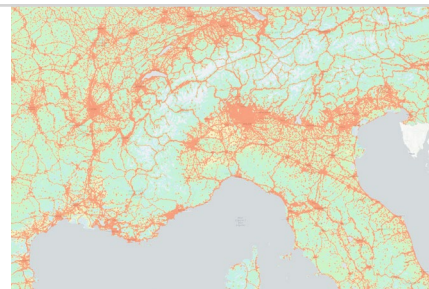
Data format:
raster

Restriction regarding use:

There are no limitations for commercial use (Creative Commons Attribution 4.0 International License).

Quietness Suitability Index

The quietness suitability index (QSI) provides an overview of the highest (QSI=100) and lowest (QSI=0) proportion of potential quiet areas in Europe. This index was acquired from the EEA portal and highlights the areas prone to noise pollution.



Source:
eea.europa.eu

Update requirements:
none

Data coverage:
regional

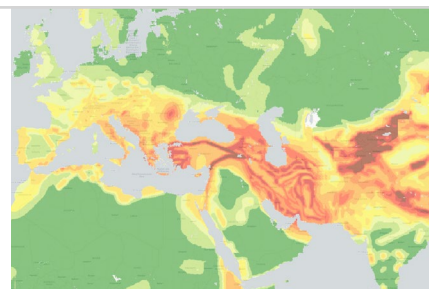
Data format:
raster

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

Global Seism Hazard

Global seismic hazard raster, acquired from the GHSAP project depicts the global seismic hazard as Peak Ground Acceleration (PGA) with a 10% chance of exceedance in 50 years, corresponding to a return period of 475 years.



Source:
gfz-potsdam.de

Update requirements:
none

Data coverage:
global

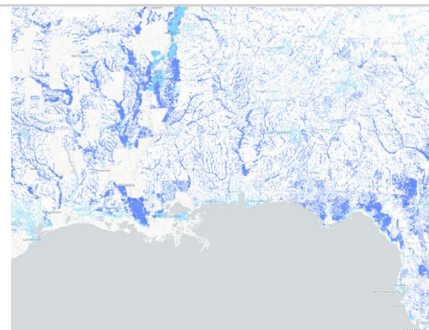
Data format:
raster

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

FEMA Flood Hazard - US

US Flood hazard dataset (FEMA). This dataset highlights the areas prone to floods of various intensities, causes, and frequencies (return periods).



Source:
msc.fema.gov

Update requirements:
monthly

Data coverage:
regional

Data format:
vector

Restriction regarding use:

No restrictions, this is open data.

EU JRC Flood Hazard

The datasets included in this collection depict flood-prone areas in Europe for river flood events of various intensities, causes, and frequencies (return periods). The dataset was downloaded from the European Commission portal and processed with GDAL.



Source:
data.jrc.ec.europa.eu

Update requirements:
none

Data coverage:
regional

Data format:
vector

Restriction regarding use:

There are no limitations on data usage, with the condition to acknowledge the source.

Landslides - Earthquake Trigger

This dataset represents the hazard for landslides generated by earthquakes at a global level.



Source:
datacatalog.worldbank.org

Update requirements:
none

Data coverage:
global

Data format:
raster

Restriction regarding use:
Data is licensed under Creative Commons Attribution-NonCommercial 4.0

Landslides - Overall Susceptibility

This dataset represents the overall susceptibility for landslides generated by a multitude of factors, including events like earthquakes and rainfall.



Source:
datacatalog.worldbank.org

Update requirements:
none

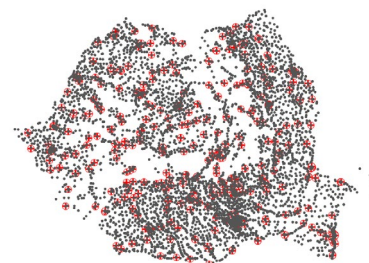
Data coverage:
global

Data format:
raster

Restriction regarding use:
Data is licensed under Creative Commons Attribution-NonCommercial 4.0

Romanian healthcare providers

Romanian healthcare providers' data (family practitioners, hospitals, clinics, recovery clinics, homecare services) is aggregated data from CNAS for individual counties and is geocoded by address.



Source:
cnas.ro

Update requirements:
none

Data coverage:
local

Data format:
vector

Restriction regarding use:
There are no limitations on data usage, with the condition to acknowledge the source.

We are happy to add additional open sourced layers on a project basis to the catalog.