TOOL

Storymaps: Wildfires in Europe

CRISEPAC

title : Storymaps: Wilfires in Europe	Developed by : CRISEPAC
topics : Wildfires	Website : https://storymaps.arcgis.com/stories/aed067fd9915497d8a036fd89bbe8d6c

Description

This website is full of information about wildfires. You will find:

- Definition;
- Wildfires in Europe;
- Damages after wildfires;
- 2 case studies: Greece and Portugal.

Duration	Resources needed	Age
Not specified	To use the tool, we need: • Internet • Laptop or PC • Projector.	Adults

Relevance to CRISEPAC Objectives

The storymap was developed as part of the project CRISEPAC.

Expected outcomes

- Vocabulary and knowledge about wildfires in Europe;
- Explain the reasons why some regions are more vulnerable;
- Name European countries and regions affected by fires;
- Explore the environmental and socio-economic impacts of fires in Europe.

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Management

The storymap is a support that teachers and education professionals can use to supplement their understanding and illustrate classroom activities.

Risk prevention

A better understanding of wildfires in Europe to inform children and prepare them better.

Others

Weaknesses

- Lots of reading;
- Content that requires a certain level.

Strengths

- Natural risks as wildfire;
- Reachable;
- Concrete example;
- Interactive maps.

Possible adaptations

This tool can be used at different levels and guides information about natural risks.

Depending on the level of the student, some figure can be extracted and the student divided by groups can work on it.

Climate change

Climate change increases heat waves, there are longer and hotter droughts and lower rainfall.

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Methodologies

All the figures and content presented in the storymap can be used to illustrate your teaching materials for classroom activities or to accompany lessons on natural risks:

- Figure 1: Visualize the different risks (low - intermediate - high) of wildfire in Europe. It is interesting to compare with the Human settlement layer to show which population could be in danger. It is also interesting to compare wildfire risks with "CCI Landcover" to maybe make a link between the type of land cover and the number of risks of wildfire.
- Figure 2: This map shows the fires in Europe from 1980 to 2023.
- Figure 3: This graphic indicates the amount of burnt hectares in the countries of Portugal, Spain, France, Italy and Greece between 1980 and 2021.
- Figure 4: This figure illustrates the burnt area in Europe in 2023.

Case studies provide concrete examples of real events in two European countries (Greece and Portugal), accompanied by relevant satellite images and photos, which help to better understand the topic."

It could also use this story map as an example to create their own based on local data. (https://learn.arcgis.com/en/projects/share-the-story-of-an-expedition/ here is a tutorial how to build a story map with print screen)

More informations : CRISEPAC Projet - https://www.crisepac.eu/