



TOOL

Heat Waves and Other Extreme Events



Title : Heat Waves and
Other Extreme Events

Developed by : European
Environment
Agency

Topics : Heat waves,
extreme natural
events

Website : www.eea.europa.eu

Description

Heat waves are the biggest direct climate-related health threat to Europeans. Floods, wildfires, storms and infectious diseases sensitive to climate change are also major threats to our health and well-being. Unless sufficient action is taken to adapt to and mitigate climate change, the situation will only get worse. Pupils can understand how heat waves could influence us and why it is important to decrease the effects of these factors.

Duration

Differs
depending on
chosen format

Resources needed

To use the materials we need:

- Computer
- Internet connection

Age

High School: 14 to 19
years old

Relevance to CRISEPAC Objectives

The resource is relevant to the CRISEPAC objectives, as it contains data and recommendations about heat waves and heat danger for less protected society members.

Expected outcomes

This material helps to understand:

- Trends in heat-related mortality in Europe 2000-2020;
- Why do heat waves threaten the most vulnerable population?
- What regulations have been adopted in the European Union to limit climate change?

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Management

This material can be used as a part of lessons about global warming and its impact on different societies, target groups and conditions. In addition, it reminds all learners that global warming mainly impacts less protected society as children, seniors, and people with special needs.

Risk prevention

Information for municipalities and society why heat waves are very dangerous for less protected society.

Others

Weaknesses

It can be used only as a specific material in very specific lessons. Material can be more useful for local authorities.

Strengths

Can be used in different European countries as a complementary material when exploring different European regulations on global warming and European Union policies.

Possible adaptations

Can be adapted and used when exploring EU policies aimed to protect us against global warming.

Climate change

Heat waves are increasingly linked to climate change, as rising global temperatures intensify extreme weather patterns, leading to more frequent and prolonged periods of excessive heat that can adversely affect human health, agriculture, and ecosystems.

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Methodologies

The material can be used when teaching about the importance of adaptation to climate change, especially heat waves, which will be a common occurrence all over the world. This material is especially good for municipalities, as it contains links to various practical documents.

More information : European Environment Agency - 0045 33 36 71 00

