



**DEAF  
CLIMATE  
ACTION**

**Module 1**

**Climate Change & Disasters,  
Social Justice  
Environmental Health**



Co-funded by  
the European Union

# Program

## Morning Session (9:00- 12:00)

- Climate - basic information
- Climate Change
- Desasters
- Climate Justice
- Environmental Health

## Afternoon Session (13:00 – 16:00)

- **Action** - project work
- Feedback



# Climate

What is climate ?



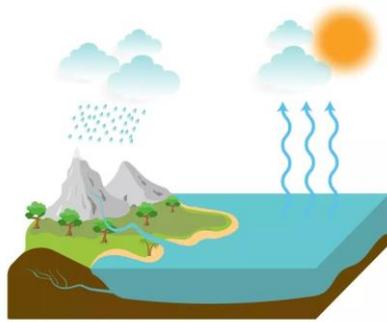
Co-funded by  
the European Union



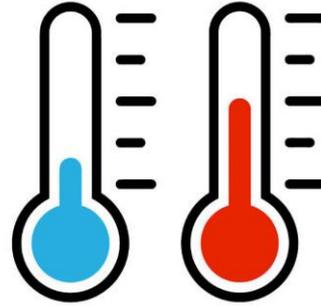
# Climate



Surface  
variables



Precipitation

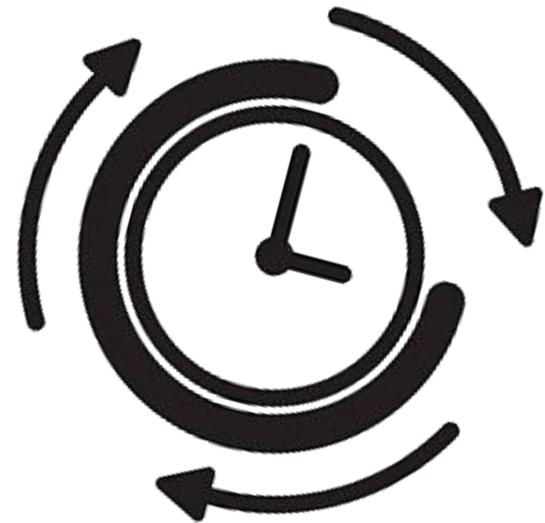


Temperature



Wind

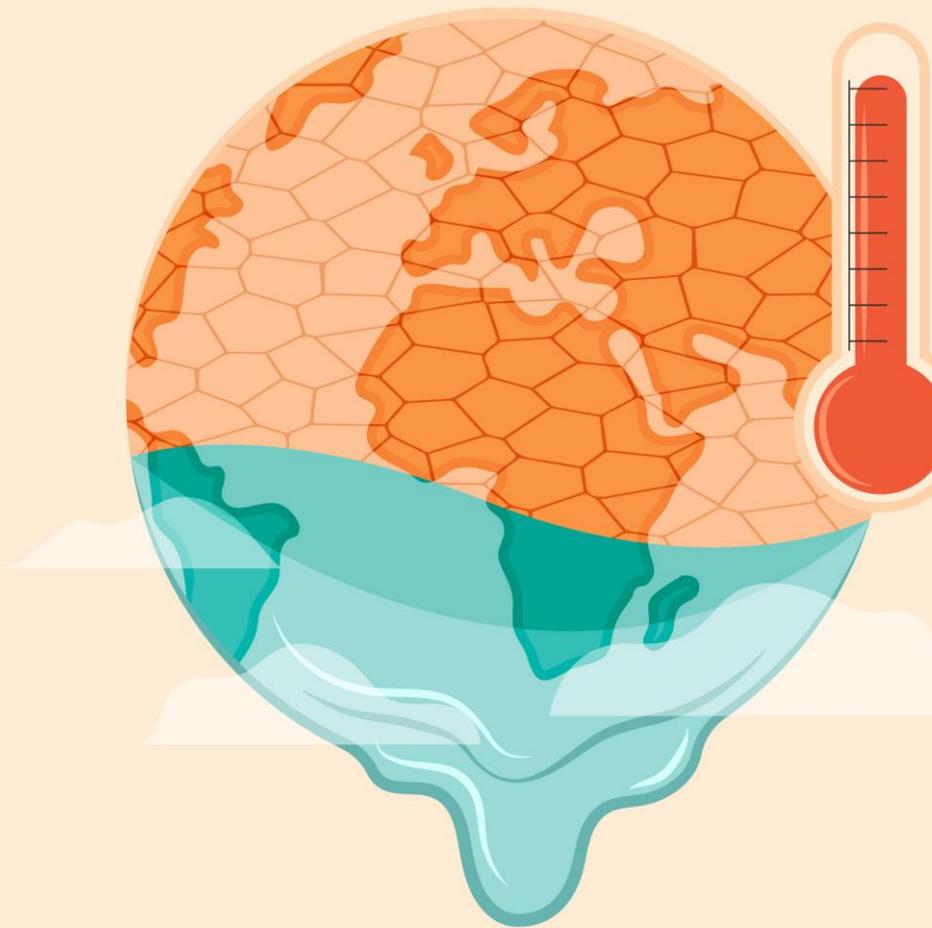
# Meteorological



# Climate Change

## Scientific basis

Its causes, its consequences  
and preconceived ideas.



# Video – Climate Change

The image shows a screenshot of a website interface. On the left is a vertical menu with the following items: Earth Overshoot Day, Climate Change (highlighted in green), 3R, Microplastics, Fast Fashion, Energy Saving, Environmental Health, European Green Deal, Disasters, and Protection of water. On the right are two video thumbnails. The top thumbnail is titled 'Wat is klimaatrechtvaardigheid? A' and features a man in a black shirt gesturing, a large blue water bottle, and a pizza in a box. The bottom thumbnail is titled 'Wat zijn eerlijke oplossingen voor klimaatver...' and features the same man in a black shirt gesturing, with the text 'Kolen Gas' overlaid on a green background.

Earth Overshoot Day

Climate Change

3R

Microplastics

Fast Fashion

Energy Saving

Environmental Health

European Green Deal

Disasters

Protection of water

Wat is klimaatrechtvaardigheid? A

Link kopier...

Ansehen auf YouTube

Wat zijn eerlijke oplossingen voor klimaatver...

Link kopier...

Kolen Gas

YouTube





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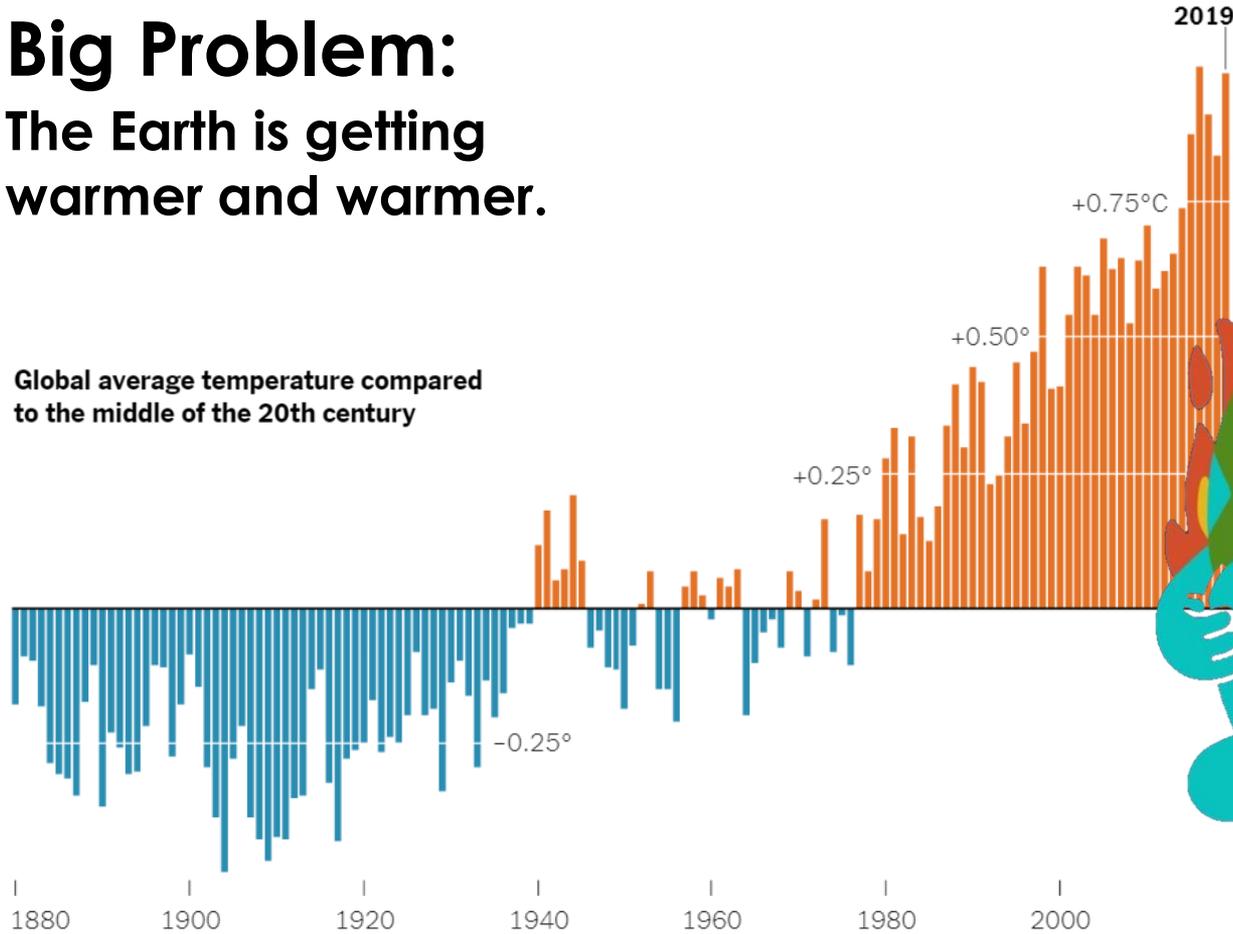
**The climate is changing.  
In fact, there's nothing new or bad about it.**

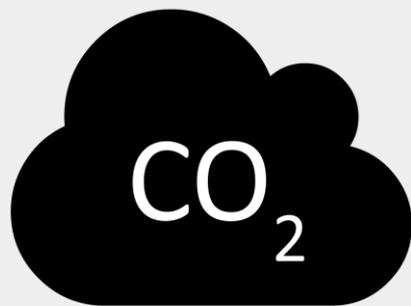
# Big Problem:

**Big Problem:**  
The Earth is getting  
warmer and warmer.

# Big Problem: The Earth is getting warmer and warmer.

Global average temperature compared  
to the middle of the 20th century





**= gaz**

**CO2 emissions  
are too high...**



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# CAUSES OF CLIMATE CHANGE



**GENERATING  
POWER**



**MANUFACTURING  
GOODS**



**POWERING  
BUILDINGS**



**PRODUCING  
FOOD**



**USING  
TRANSPORTATION**



**CUTTING DOWN  
FORESTS**



**CONSUMING  
TOO MUCH**





# Consequences of the greenhouse effect

The earth is beginning to sweat!  
No more periods of drought.

The weather is changing more and more.

More violent storms.

# SOCIAL AND ECONOMIC IMPACT OF CLIMATE CHANGE



The cost of adapting coastal areas to rising sea levels

Relocation of whole towns



Loss of the capacity to work due to heat

Shrinking productivity of harvests



More wars to gain access to limited resources

Prices of basic foodstuffs and consumer goods will rise



Fresh water will be in short supply in some areas

Extreme meteorological phenomena will cause widespread poverty



Diseases will spread due to higher temperatures



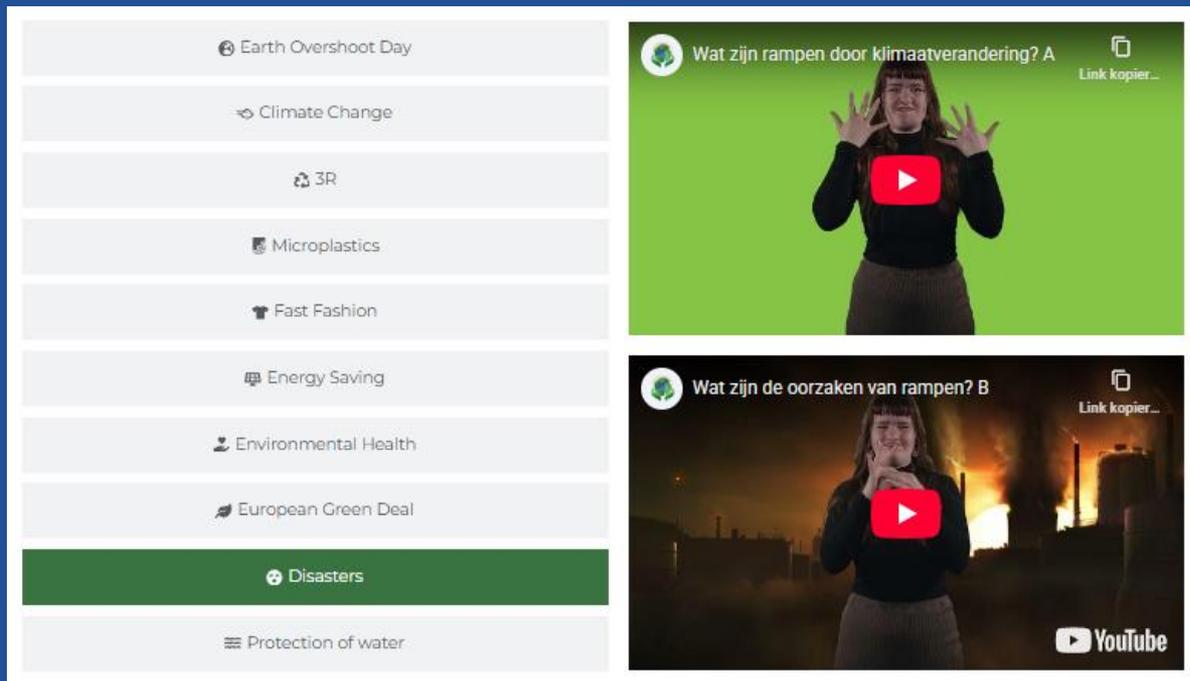




# Disasters



# Video – Disasters



The image shows a screenshot of a website interface. On the left is a vertical menu with various environmental topics. The 'Disasters' item is highlighted with a green background. To the right of the menu are two video thumbnails. The top thumbnail has a green background and the text 'Wat zijn rampen door klimaatverandering? A'. The bottom thumbnail has a dark background with a fire scene and the text 'Wat zijn de oorzaken van rampen? B'. Both thumbnails feature a woman in a black top and grey skirt, with a red play button icon overlaid on her chest. A 'Link kopier...' button is visible in the top right of each thumbnail. The YouTube logo is in the bottom right of the second thumbnail.

- Earth Overshoot Day
- Climate Change
- 3R
- Microplastics
- Fast Fashion
- Energy Saving
- Environmental Health
- European Green Deal
- Disasters**
- Protection of water

Wat zijn rampen door klimaatverandering? A

Wat zijn de oorzaken van rampen? B

Link kopier...

Link kopier...

YouTube



## group discussion

What disasters  
do you remember?



# Examples



# Examples: Climate·catastrophes | Natural disasters



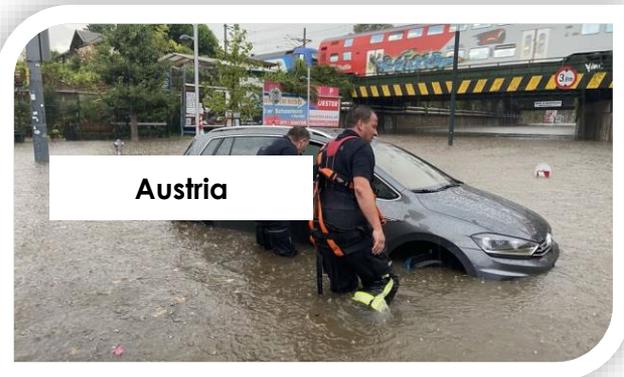
USA



Spain



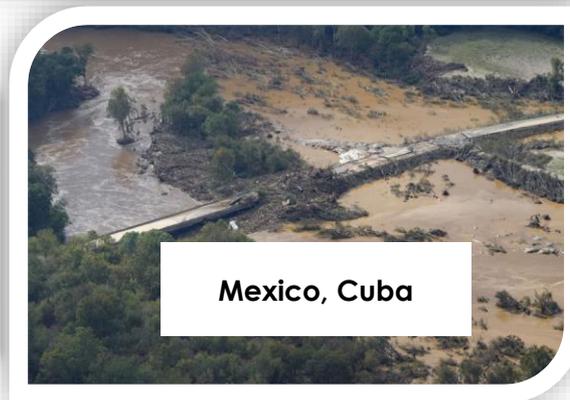
Vietnam



Austria



Germany



Mexico, Cuba

# Storms, typhoons, cyclones and hurricanes

With winds that can exceed 119 km/h



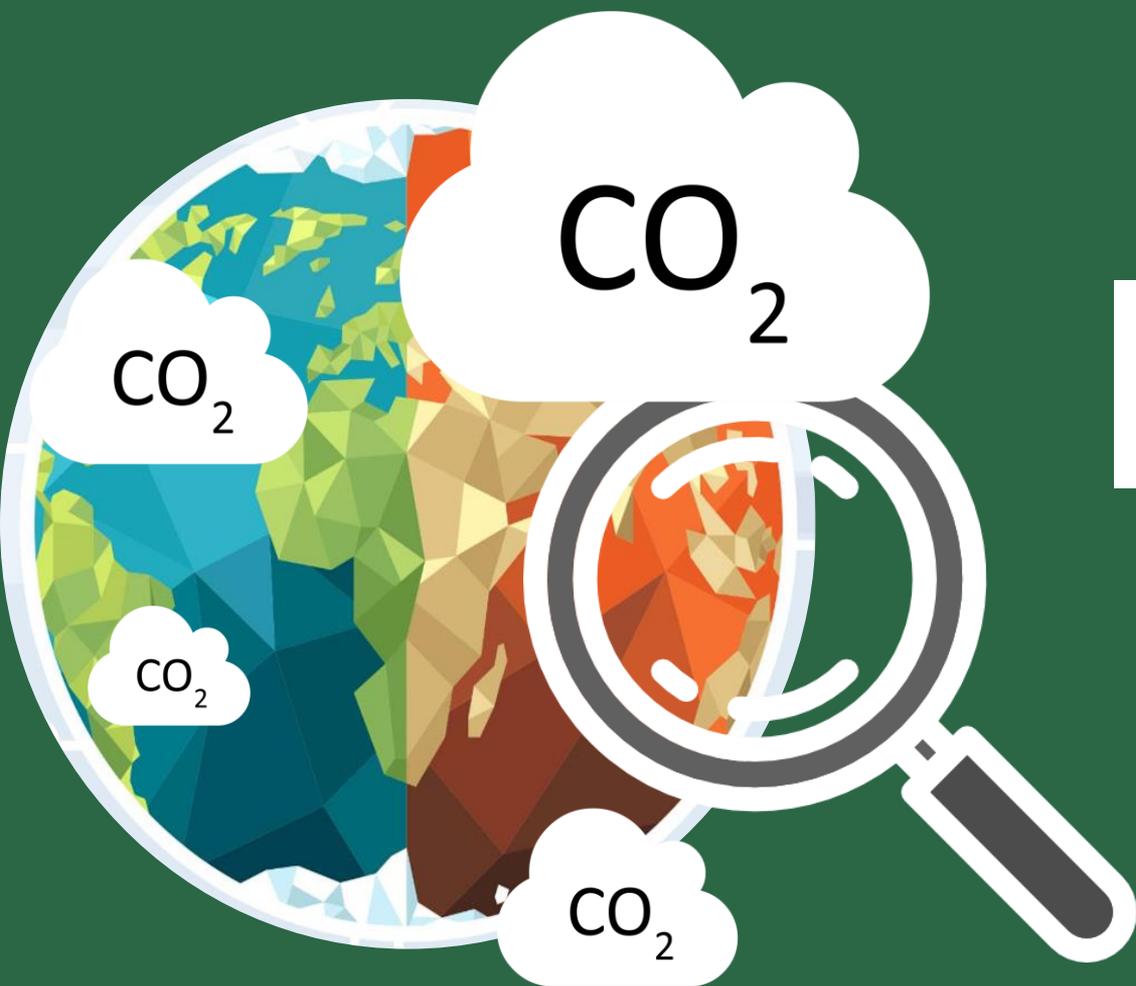
of Bangladesh and Myanmar  
in May 2023.

It caused heavy rainfall, storms and  
strong winds reaching 175 km/h.



**“I still can’t believe  
the floods washed  
away all the houses.”**

Testifies Marma, 7 years old, victim of the  
floods and landslides which affected  
1.2 million people in Bangladesh

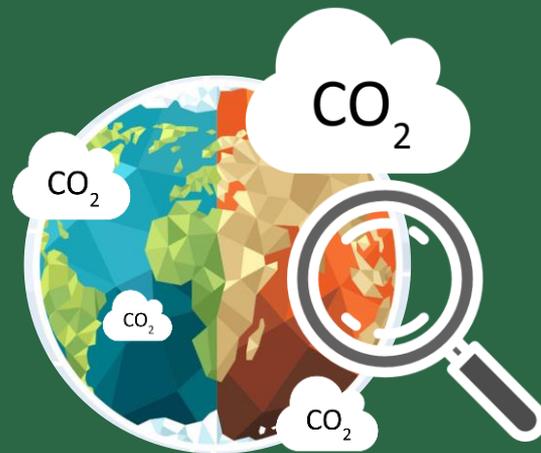


# **ACTION**

**Find information**

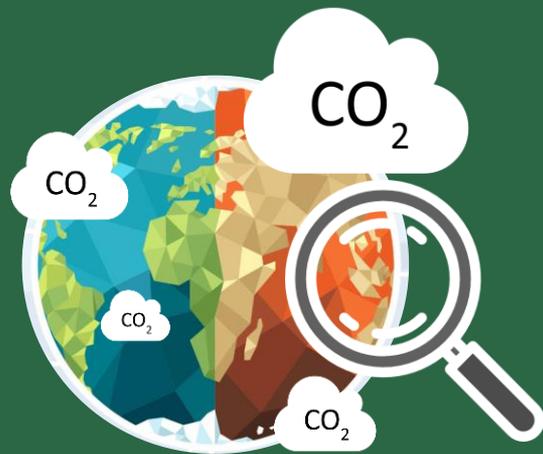
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15 min + 30 min



What are the **main causes**  
of global warming?

15 min



What are the **impacts**  
of climate change?

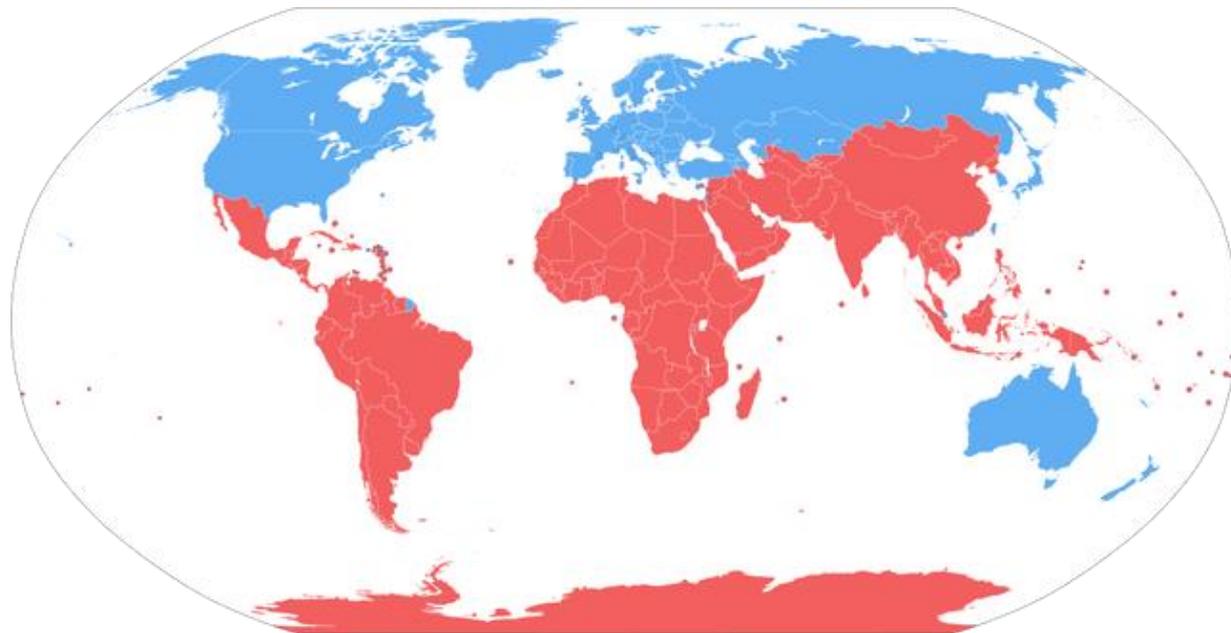
30 min

# Climate & Social Justice



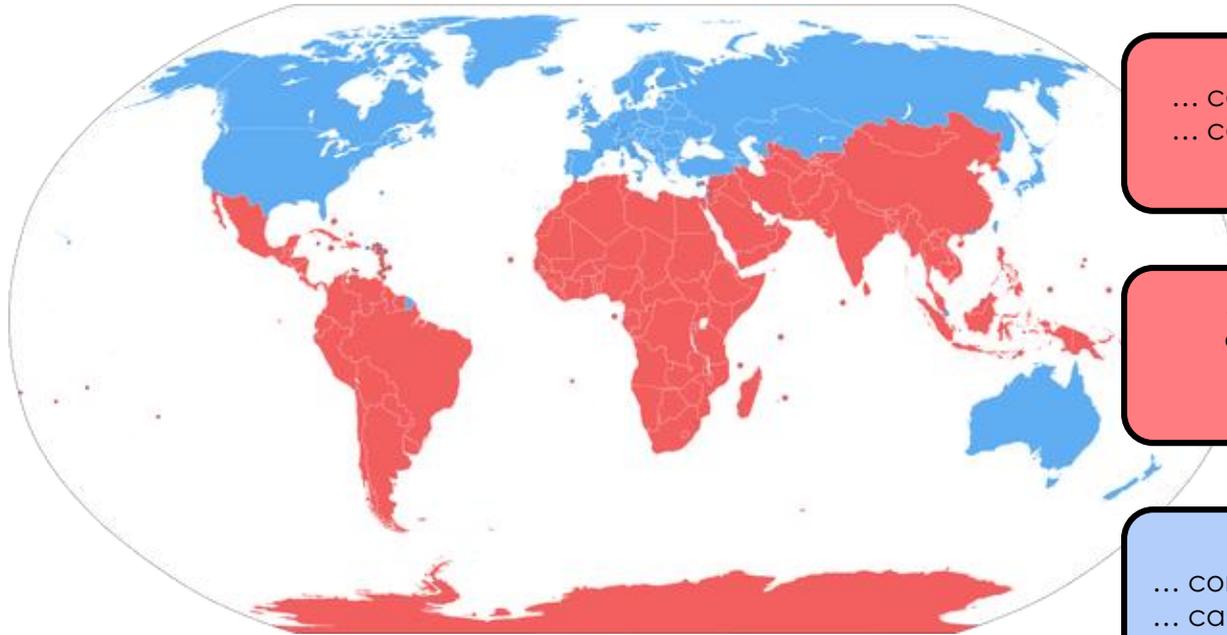
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**Countries Global North**  
**Countries Global South**

# Is that fair?



... consume much less energy.  
... cause little global warming.

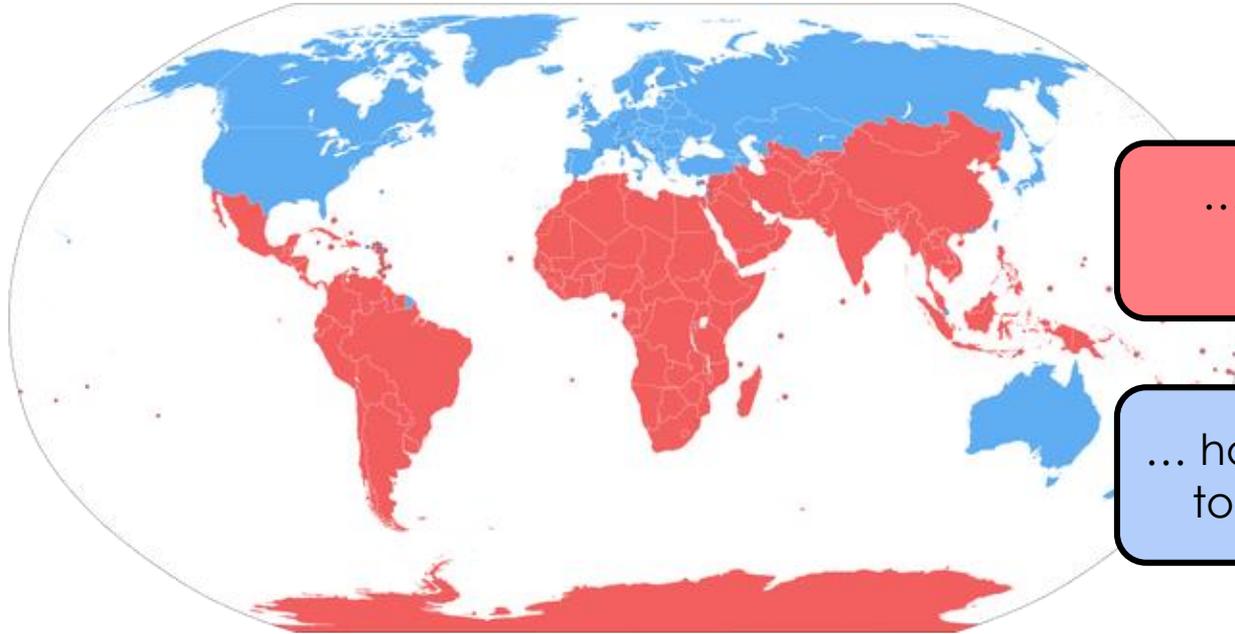
... suffer particularly badly from climate change (hurricanes, drought ...)

... consume a lot of energy!  
... cause a lot of global warming.



Discussion

# Is that fair?



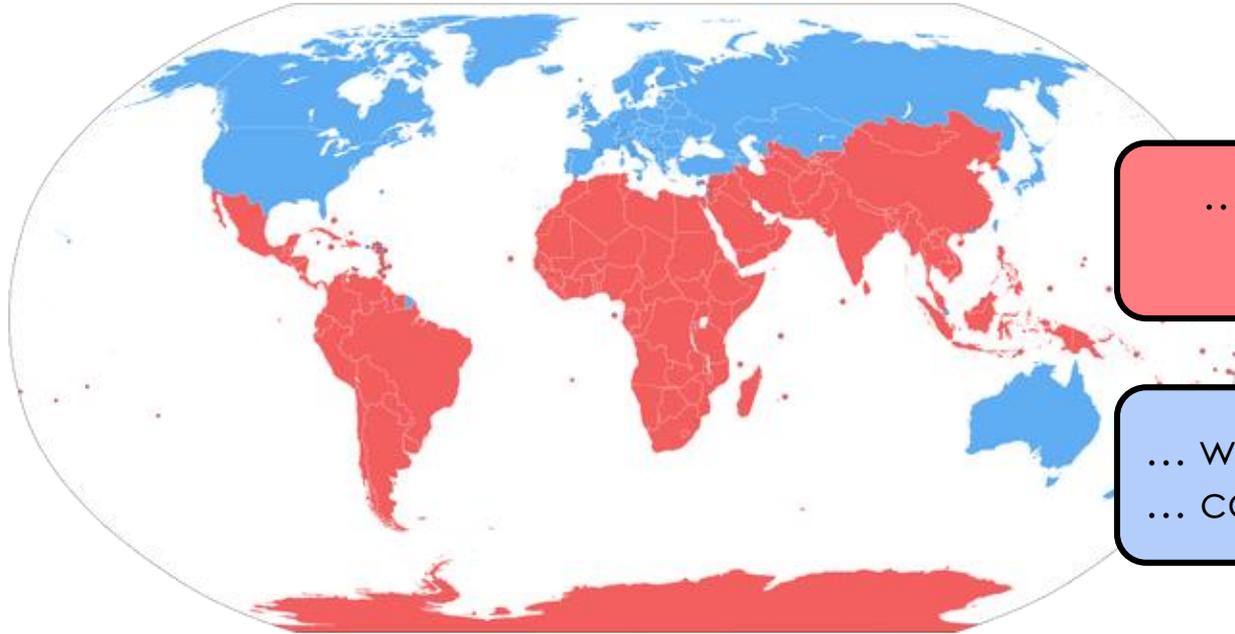
... have little money,  
to protect yourself

... have more money,  
to protect themselves.



Discussion

# Is that fair?



... some have little  
Drinking water and food

... waste a lot  
... cause a lot of waste



Discussion

# Is that fair?

Exercise (2 groups)

Create a poster.  
The topic is climate justice.  
You can draw, write and sign  
to it.

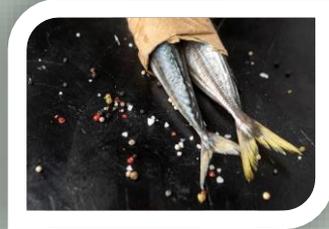
Present your poster  
**to others.**



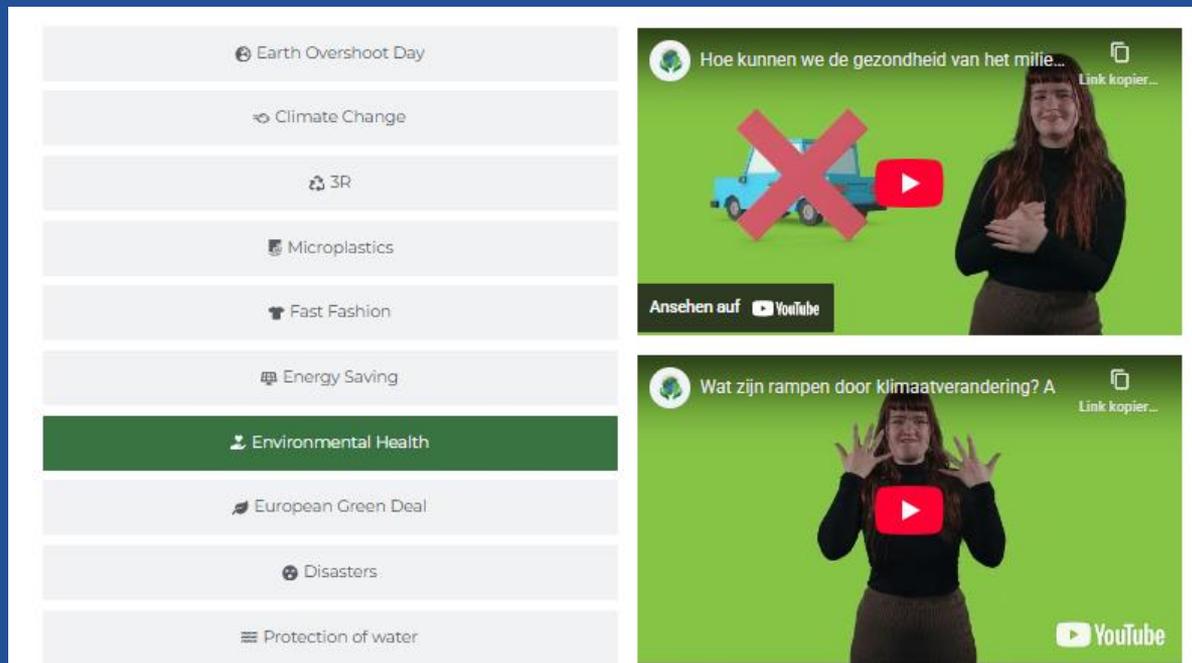
# Environment & Health



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# Video – Environmental Health



The image shows a website interface with a vertical menu on the left and two video thumbnails on the right. The menu items are:

- Earth Overshoot Day
- Climate Change
- 3R
- Microplastics
- Fast Fashion
- Energy Saving
- Environmental Health** (highlighted in green)
- European Green Deal
- Disasters
- Protection of water

The top video thumbnail is titled "Hoe kunnen we de gezondheid van het milie..." and features a woman with a large red 'X' over a car icon, with a YouTube play button. A "Link kopier..." icon is in the top right, and "Ansehen auf YouTube" is in the bottom left.

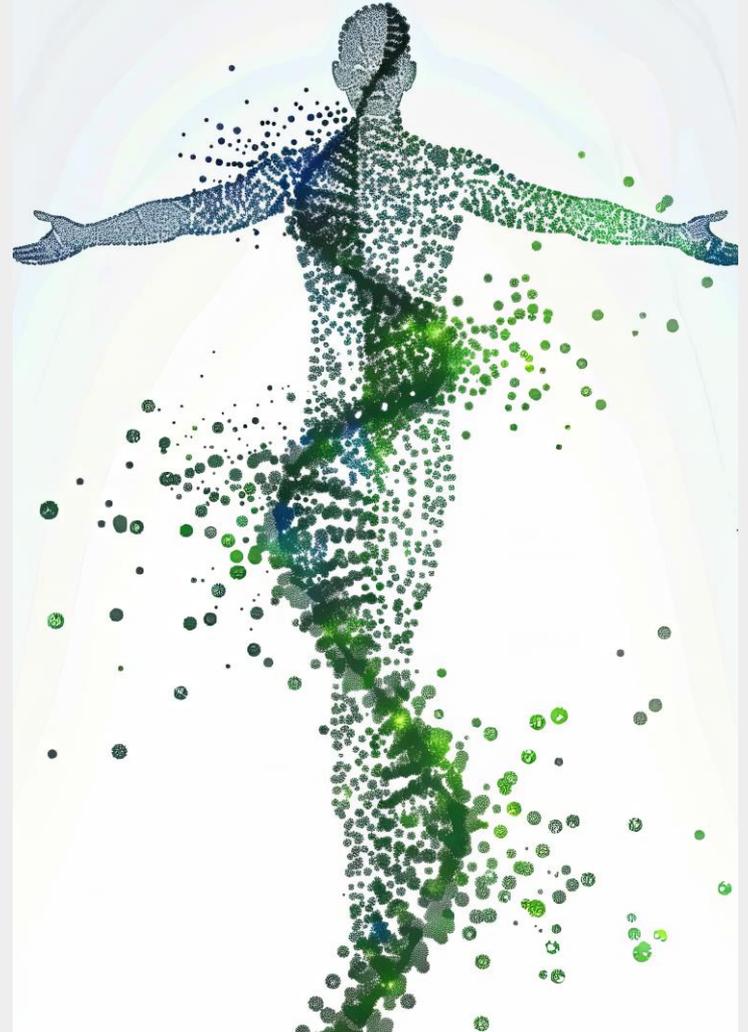
The bottom video thumbnail is titled "Wat zijn rampen door klimaatverandering? A" and features the same woman with her hands raised, with a YouTube play button. A "Link kopier..." icon is in the top right, and the YouTube logo is in the bottom right.

# discussion

How do you care  
about your health?

How you care about  
the environment?

Think about the connection.



# ACTION – project

Afternoon Session



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explain activity

# Thank you!



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