



*An overview from the Royal Society and the
US National Academy of Sciences*

CLIMATE CHANGE IS ONE OF THE DEFINING ISSUES OF OUR TIME. It is now more certain than ever, based on many lines of evidence, that humans are changing Earth's. The climate atmosphere and oceans have warmed, accompanied by sea-level rise, a strong decline in Arctic sea ice, and other climate-related changes.

The evidence is clear. However, due to the nature of science, not every single detail is ever totally settled or completely certain. Nor has every pertinent question yet been answered. Scientific evidence continues to be gathered around the world, and assumptions and findings about climate change are continually analysed and tested. Some areas of active debate and ongoing research include the link between ocean heat content and the rate of warming, estimates of how much warming to expect in the future, and the connections between climate change and extreme weather events.

The purpose of the topic

- Knowledge about the climate challenge and the processes behind.
- How humans help to influence the climate.
- Real-life tasks for the subject.
- Strengthen the digital formation.

Inspiration to the topic

- What is climate change?
- What is the "greenhouse effect"?
- What is the evidence for warming?
- How much will temperatures rise in future?
- How will climate change affect us?