

Key Knowledge

Not all greenhouse gases are bad. Naturally occurring greenhouse gases in the atmosphere are vital for the Earth because, without some of these gases, temperatures on the planet would be 20-30°C lower than they are today.

Changes to weather patterns all over the world are having a significant impact on the geography of our planet and on the lives of the people living on it. We are being affected by changes here too.

The temperature of our planet is increasing and this is having a significant impact on weather and changes to our planet.

The amount of carbon dioxide in the atmosphere is increasing because we are burning fossil fuels (petroleum oil, gas and coal) which releases the carbon dioxide stored within the fossils, into the atmosphere.

In December 2015 in Paris, representatives of 200 countries agreed to ensure that the surface temperature of the earth would not increase by more than 2.5°C by 2100 and in order to achieve this, they would decrease carbon dioxide emissions.
DW Connected Geography.

Key Vocabulary and Phrases

climate	the weather conditions prevailing in an area in general or over a long period.
heatwave	A prolonged period of abnormally hot weather
flood	an overflow of a large amount of water beyond its normal limits, especially over what is normally dry land.
Global warming	a gradual increase in the overall temperature of the earth's atmosphere generally attributed to the greenhouse effect caused by increased levels of carbon dioxide, CFCs, and other pollutants.
desertification	the process by which fertile land becomes desert, typically as a result of drought, deforestation, or inappropriate agriculture.

