

## **GLOBAL WARMING**

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Global warming is one of the urgent problems of our time. The whole world suffers from this phenomenon. Today, humanity does not pay much attention to this catastrophe, but in the future, it may become a great threat to life.

Earth's climate is the result of complex interactions between the atmosphere, seas, oceans, land, and organisms that receive heat from solar energy every day, while the atmosphere depends on delicate balance of endothermic gases such as water vapor, carbon dioxide, and nitrogen oxides.

Global warming is an increase in the overall temperature of the Earth's atmosphere that occurs continuously. The beginning of the 20th century was

accompanied by an increase in global sea surface air temperature of about 0.8 °C, with almost two-thirds of this increase occurring in 1980. Each of the past three decades at Earth's surface has been warmer than any previous decade. since 1850.

Global warming occurs when carbon dioxide and other pollutants build up in the atmosphere and absorb sunlight and solar radiation reflected from the Earth's surface.

Permanent changes in the Earth's climate cause dialysis, kindling fires, increasing the level of greenhouse gases, extinguishing heat in the Earth's atmosphere and increasing the average temperature of the Earth's surface (NASA, 2022).

Many of the likely characteristics of the resulting changes in climate (such as more frequent heat waves, increases in rainfall, increase in frequency and intensity of many extreme climate events) can be identified (Houghton, 2015).

This problem is inevitable and it is time to save our planet by increasing the number of forests, promoting tree planting, using solar and wind energy, reducing the amount of harmful emissions into the atmosphere, abandoning transport that emits carbon dioxide into the air and replacing it with more ecological transport such as bicycles, electric scooters.

We can conclude that the future is in our hands, the main thing is to start acting. Every small step is important for the future of our planet.

### **References:**

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