

GLOBAL WARMING

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Global warming is when the temperature of the Earth's atmosphere goes up for a long time. This can cause serious problems for the land and its inhabitants.

The main cause of global warming is the release of greenhouse gases such as carbon dioxide, methane, and nitrous oxide into the atmosphere. These gases trap the sun's heat and increase the Earth's surface temperature.

Shrinking glaciers, rising ocean conditions, changing precipitation patterns, and increasing frequency and severity of extreme rainfall events. These phenomena threaten the sustainability of natural territories and human societies and can

undermine food production, thrift, and social welfare.

Global warming and air pollution can lead to breathing problems for children, the elderly, and vulnerable populations. It can also cause animals and plants to go extinct and damage the environment, which can be very bad for the environment and money.

To reduce the effects of global warming, individuals, governments, and organizations around the world must work together to reduce hothouse gas emigrations and use sustainable environmental programs. This encompasses reducing energy consumption, utilizing renewable energy, and transitioning to a diet that is more factory-based.

The future of the earth depends on collaborative sweats to address this pressing issue. Everyone needs to take responsibility and act now to decelerate the goods of global warming.

References:

Discovery Of the Greenhouse Effect - Greenhouse Gases. (2023, 2 вересня). Climate Policy Watcher. <https://www.climate-policy-watcher.org/greenhouse-gases-2/discovery-of-the-greenhouse-effect.html>

Global Warming. *Home - National Geographic Society.*
URL: <https://www.nationalgeographic.org/encyclopedia/global-warming/> (date of access: 28.10.2023).

Rethinking agriculture. *European Environment Agency.*
URL: <https://www.eea.europa.eu/publications/rethinking-agriculture> (date of access: 28.10.2023).

News For Everyone. *News For Everyone.*
URL: <https://youmenews.blogspot.com/> (date of access: 28.10.2023).

How Do We Reduce Greenhouse Gases? | Center for Science Education. (2020). Home Page | Center for Science Education. <https://scied.ucar.edu/learning-zone/climate-solutions/reduce-greenhouse-gases>

CO₂ and Greenhouse Gas Emissions. (б. д.). Our World in Data. <https://ourworldindata.org/co2-and-greenhouse-gas-emissions>