

GLOBAL WARMING.

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Abstract.

This article discusses the problem of global warming, its causes, and its impact on human life. The increase in greenhouse gas emissions, climate changes, melting of polar ice caps, and rising sea levels are considered the main consequences of global warming. The article also analyzes proposed measures to maintain ecological balance and prevent global warming. The topic aims to foster environmental awareness among readers and promote understanding of sustainable development methods.

Keywords: Global warming, climate change, greenhouse gases, ecology, atmosphere, nature conservation, sustainable development, environment.

Today, global warming is one of the most urgent environmental problems worldwide. The increase in the amount of greenhouse gases released into the atmosphere is gradually raising the temperature of the Earth's surface. This not only leads to climate changes but also disrupts the balance of nature. Global warming negatively affects human health, agriculture, and biodiversity. Deeply studying the causes and consequences of this problem and finding ways to prevent it are among the most important tasks of our time.

The main cause of global warming is the greenhouse gases released into the air as a result of human activities. In particular, the burning of fuels such as coal, oil, and gas leads to an increase in carbon dioxide (CO₂) and other harmful gases. These gases

accumulate in the Earth's atmosphere and prevent heat from escaping. As a result, the temperature of our planet gradually rises.

Global warming has several serious consequences. One of them is the melting of glaciers and the rise of sea levels. This leads to flooding in coastal areas. Additionally, due to climate change, droughts are becoming more severe in some places, while other areas experience heavy rains and storms.

Global warming also negatively affects forests, wildlife, and human health. Allergies, cardiovascular diseases, and other health problems are increasing. All of these disrupt the ecological balance.

To prevent global warming, we need to use energy sources efficiently, switch to renewable energies such as solar and wind, and reduce waste. Every person plays an important role in this process.

Gases emitted by industrial enterprises and vehicles also accelerate the process of global warming. Air pollution not only causes changes in temperature but also directly affects human health. In many large cities, the deterioration of the environmental conditions is lowering the quality of life.

Agriculture is also negatively affected by global warming. The rise in temperature leads to water shortages, decreased crop yields, and changes in the natural habitats of plants and animals. This poses a threat to food security.

All countries must cooperate to solve this problem. International agreements, such as the Paris Agreement, encourage countries to act together. Through such initiatives, it is possible to reduce greenhouse gas emissions, save energy, and develop green technologies.

Educating the younger generation about the environment and fostering a sense of responsibility towards nature is also of great importance. Students and the wider community should actively participate in preventing global warming.

Global warming is causing a decrease in biodiversity. Some animal and plant species are no longer able to live in their natural habitats and are at risk of extinction. This negatively affects entire ecosystems. For example, polar bears living in the Arctic are losing their habitats due to the melting of ice.

Due to global warming, the spread of diseases is increasing in some regions. Malaria and other infectious diseases transmitted by mosquitoes are appearing in areas where they were previously unknown. This situation is placing additional strain on healthcare systems.

The advancement of science and technology can play an important role in addressing the problem of global warming. For example, technologies that remove carbon gases from the atmosphere, electric vehicles, and the use of solar and wind energy create great opportunities in this field.

Conclusion.

Global warming is one of the most serious environmental problems in today's world. It threatens not only nature, but also human health, the economy, and the future of humanity. The main cause of global warming is the release of harmful gases into the atmosphere as a result of human activities, which leads to a gradual increase in the Earth's temperature.

To solve this problem, every individual, organization, and country must contribute. By protecting the environment, saving energy, using renewable energy sources, and reducing waste, it is possible to prevent global warming.

Moreover, it is essential to educate the population, especially the younger generation, to be environmentally conscious and responsible. Only through collective action and mindful approaches can we preserve our planet for future generations.

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