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Prevention of Global Warming

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Abstract. *This article discusses changes caused by global warming, diseases caused by global warming, and measures to prevent global warming.*

Keywords: *consequences of global warming, Lucifer, weather Celsius, Ozone depletion, natural drainage, energy efficient, resource efficient.*

Changes caused by global warming

Changes caused by global warming - droughts, rising sea levels, rising ocean temperatures and disease-carrying insects - are warning that human life is at great risk. Also, the global average temperature has increased by 1.1 degrees Celsius, which means that the average temperature will increase by 1.5 degrees Celsius by 2040. This global problem also increases the risk of floods, the disappearance of islands and the decline of animal species. Global As a result of the warming, it causes forest fires. According to a climate analysis conducted by scientists at NASA's Goddard Institute for Space Research, the average temperature on Earth has increased by at least 1.1 degrees since 1880. Climate change causes the death of about 150,000 people every year. In April and July 2018, the average temperature in Germany increased by 2.9 degrees. The heat caused the death of 1,246 people. In June-August 2021, the temperature in the Canadian province of British Columbia reached a record 49.6 degrees Celsius. 600 people died due to abnormally hot weather. In 2021, the hottest temperature in Europe was recorded on the Italian island of Sicily - 48.8 degrees. As a result, an anticyclone named "Lucifer" appeared. The high temperature killed about 1,000 people. In April 2021, extreme heat wave weather in India and Pakistan recorded 49.5 degrees Celsius. 90 people died as a result of the accident.

Diseases caused by global warming

Climate-high temperatures caused by global warming increase the concentration of ozone in the atmosphere. When the ozone layer is destroyed, ultraviolet rays fall on the earth and release various substances on the surface. This causes people to suffer from asthma, emphysema and chronic obstructive pulmonary disease. Asthma is the Greek word for asthma - wheezing, suffocation. Sudden narrowing of the bronchial openings. Bronchial asthma or cardiac asthma as a result of heart disease. Emphysema is a lung disease. a disease with restriction of expansion and movement, respiratory and circulatory disorders. Pulmonary emphysema, which covers certain areas of the limited lung and diffuse, acute and chronic, is distinguished. Chronic obstructive pulmonary disease is the name of a group of lung diseases that cause breathing difficulties

emphysema — damage to the lung air sacs

chronic bronchitis is a long-term inflammation of the respiratory tract. It is estimated that the risk of dying from chronic lung diseases during a heat wave is 1.8-8.2% higher than the average summer temperature. Body stress from heat also causes fluid loss, which impairs pulmonary perfusion.

Combined with high pollutant concentrations, this leads to bronchial inflammation. In people with moderate to severe chronic obstructive pulmonary disease, an increase in indoor temperature can cause shortness of breath, cough and worsening of sputum production. For every 1 person with COPD, the hospitalization rate increases by 8%. Temperature rise above 29°C 20°C.

Prevention of global warming

In order to prevent and adapt to climate change, it is necessary to implement the following measures:

Reducing greenhouse gases. For this, first of all, it is necessary to reduce the amount of greenhouse gases emitted into the atmosphere by introducing environmentally friendly technologies in production enterprises, thermal power plants and other organizations that emit pollutants into the atmosphere. further improving the quality of fuels and increasing the number of environmentally friendly vehicles, including the creation of bike lanes convenient for the general public, will in turn reduce the amount of greenhouse gases. implementation of landscaping works. The planting of perennial trees, which are natural drainage, softens the microclimate in the area. Also, the expansion of green areas, especially green areas on the edge of cities and highways, serves to reduce the amount of harmful substances. rational use of water. The organization of drip irrigation, the rational use of water resources, in turn, serves to adapt to climate changes. The development of green economy, that is, waste-free technologies. it is necessary to introduce the use of energy-saving, resource-saving, waste-free, low-waste technologies, or in other words, to introduce a green economy in the country.

use of renewable energy sources. The consequences of climate change can be reduced to a certain extent by preventing the release of greenhouse gases into the atmosphere through the development of nuclear energy in conjunction with the use of solar and wind energy.

Conclusion: The environmental problems caused by global climate change can only be solved if all countries and humanity work together. We must not forget that it is our duty to provide the clear sky, beautiful nature and its priceless gifts to the next generation.

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