

GLOBAL WARMING

Illia Shcherbanov

*Educational and Research Institute of Nuclear and Heat Power Engineering,
National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”*

Climate change, or at least its most well-known cause, has everything to do with greenhouse gasses – carbon dioxide and methane primarily. The biggest source of anthropogenic emissions of CO₂ comes from combustion of fossil fuels for power, heating, and transport. And the situation even gets worse with deforestation – “the carbon sinks” are becoming less and less, but the amount of CO₂ keeps on increasing. As Trevor M. Letcher pointed out “even if we stopped burning fossil fuel, the CO₂ levels will take a long time to decrease as the lifetime of CO₂ in the upper atmosphere is of the order of hundreds of years” (Trevor, 2021, 4). All of this leads to an increase in the temperature of the atmosphere surrounding the planet, which in turn alters the climatic conditions of the areas affected.

There is no time to put it off and it is necessary to start solving this eternal problem today. In order to effectively and with the highest “the most effective” solve this problem, it is necessary to involve everybody, both people and the country. Moving away from fossil fuels towards environmentally friendly energy sources such as sunlight, mass afforestation and using energy more efficiently for less greenhouse gas emissions are all useful means in this battle. Personally, every individual must learn to conserve energy and practice waste collection and reusing materials. Each of these steps will contribute towards the stopping of global warming and maintenance of the planet in a favourable state for the future generations.

Global warming has been a real concern not only for the physical world, but

also for the... humanity. Year after year, the average sea level rises which endangers places like coastal billions of people and cities or islands for example Venice city. For instance, the melting of the glaciers in Greenland and Antarctica is occurring at an extremely high rate resulting in the formation of water bodies and submersion of low-lying cities. Also, it can be observed that disturbing climate changes have led to increased frequency of extreme climatic changes and weather dynamics, ranging from scorching fires and hurricanes to long prolonged dry seasons which endanger people and their food and water sources (Karl, Melillo, & Peterson, 2009).

So, 'Global warming' is not confined to environmental problems but has been elaborated as one of the issues that the world needs to urgently address. Once we identify the factors that led to global warming as well as the impacts of global warming, it becomes possible to go ahead and find means which can triage this global menace. The disposition of the earth's ecosystem today is dependent on the choices we make; hence, it is imperative that we take steps to reduce global warming within the short time span already remaining for the current generations to survive.

References:

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