THE PROGRESSING CONNECTION: CLIMATE CHANGE AND GREENHOUSE EFFECT OVER TIME

Tabassam Fatima¹, Hamza Saleem¹*, Muhammad Waqas Nasir¹, Muhammad Haseeb Sarwar¹

1. Riphah international university, Lahore, Pakistan.

*Corresponding author: hs6281156@gmail.com

ABSTRACT

This article will provide you with knowledge about recent climate changes and the role of the greenhouse effects. The natural greenhouse effect is for the life of living organisms, due to unpredictable human activities. It causes damage to the natural climate and human will suffer about consequences of this in the few next years. The world is growing day by day and uses natural resources but in response gives us pollution and greenhouse gases.

The Earth's climate has gone through various changes over a long time. But in recent times, the major problem is the greenhouse effect. It is the main problem in the scientific inquiry because if nature becomes imbalanced then how would we live in this atmosphere? We already know that the natural greenhouse effect allows normal life and seasons. Humans are increasing the intensity of the greenhouse gases.in this article, you will be able to learn about your contributions to greenhouse gases to affect the climate.

The greenhouse effect

The greenhouse effect is the natural process to keep the earth's surface warm. The sun's rays pass the ozone layer and reach the earth. Earth absorbs the rays and remits in the evening. Earth remits in the form of infrared radiations but these radiations are trapped by carbon dioxide (CO2), methane (CH4), and water vapors (H2O). These greenhouse gases stop or trap these radiations from being released into space and increase the temperature of the atmosphere. Without the natural greenhouse effect, Earth's temperature would be decreased. It is, in part, a natural process. However, the earth's greenhouse effect is increasing more and more as we add greenhouse gases to the atmosphere. That is warming the climate of our planet (6).

Role of human in greenhouse effect

Natural greenhouse effects are crucial in sustaining life. Humans nowadays use fossil fuels and burn forests, it is a greenhouse gas-friendly act humans are doing. The natural greenhouse effect is good in certain limits but humans are moving beyond these limits. An increase in industries causes damage to the climate. Reforestation is the key to reducing greenhouse effects but humans are doing the reverse of this. Deforestation is increasing day by day. These acts of humans accelerate the greenhouse effect. The public should be aware of the greenhouse effects (6).

The relationship between greenhouse effect and climate changes

The increase in the greenhouse effect leads to climate change. Increasing the greenhouse effect gives rise to the earth's temperature, leading to melting ice caps, glaciers, and most frequent changes in the weather—the increase in greenhouse effects results in the retention of more radiation or gases on the earth. The increase in the greenhouse effect causes to increase temperature of the earth and changes in the atmospheric circulation patterns. The excess absorption of CO_2 by the oceans leads to acidification (3, 5).

Evolution with time

Over time advancements in scientific research allow scientists to think or research about the effects of the greenhouse. With the usage of the latest machinery, scientists can easily predict the future of climate change because of the greenhouse effect. Electronic media plays an important in the control of greenhouse effects or gases. The world is trying to raise awareness about the greenhouse effects (4).

International cooperation and policy responses

Published on: 1 December 2023

The severe climate change has insisted on international cooperation to address its challenges. Agreements such as the Paris Agreement goal to stand nations under one roof in their efforts to restrict the rise in global temperature. Governments, businesses, and individuals alike are widely recognizing the importance of changing to sustainable practices to lessen the effects of the enhanced greenhouse effect. The climate change problem cannot be resolved other than through reluctant cooperation, furthermore, an investigation should attention on how contracts must be done in this way (1, 2).

Conclusion

The relationship between the greenhouse effect and climate change is an active and evolving narrative that distances the Earth's past and human influence. Although the natural greenhouse effect is important for keeping a habitable climate, human doings have upset this balance, leading to record changes in our climate. Understanding this connection is crucial for emerging effective strategies to lessen the influences of climate change and generate a supportable future for generations to arise. Over continued research, international collaboration, and determined efforts to lessen greenhouse gas discharges, humanity has the chance to shape a more stable and strong relationship between the greenhouse effect and our changing climate. We should take a stand to preserve our climate and environment.

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