

Global Warming: An Environmental Crisis Requiring Social Solution

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This green Globe is getting warmer day by day due to which summer seasons are growing warmer, glaciers are thawing, sea levels are rising and weather events are becoming more capricious. IPCC describes that global warming raises heat emphasis, intensity of tropical storms, ocean acidity, sea levels increase, melting of glaciers, ice mass, and ocean ice. The world is overwhelmed by the menace of global warming which is caused by human activities. The world needs to take serious steps in order to counter its destructive impacts so that this planet would become a safer place to live.

Global Warming is defined as “Gradual increase in the temperature of earth’s atmosphere due to the greenhouse effect caused by increased levels of carbon dioxide, chlorofluorocarbons and other pollutants”. Global warming is a term widely used to describe a potential ascension in the annual average global surface temperature of the World. This increase in temperature will be range from 1.5 °C to 4°C (Houghton et al., 1996). According to the report published by the Intergovernmental panel on Climate Change (IPCC) in 2021, the average global temperature is likely to reach or cross the 1.5C by 2040 and 2.7C by the century end. This continuous increase in temperature is damaging our ecosystem. These greenhouse gasses tend to absorb the infrared radiations and visible light in the atmosphere, raising its temperature. Due to global warming, the earth is getting warmer with every passing year. Unrelenting heat is scorching large swaths of the world and killing millions who have no means to escape. Global warming is caused by human activities particularly rapid industrialization and massive deforestation. Burning of fossil fuels is another underlying cause of warming the earth’s atmosphere via greenhouse

effect. Energy demand for domestic and industrial needs in this modern world mean that approximately 7 gigatons (Gt) of carbon from carbon dioxide is released every year (Houghton et al., 1996).

But global warming is still the least attended concern of the world even it is the most debated challenge of the twenty first century. The warming of the earth’s atmosphere is threatening every living creature on this planet because of changing weather’s patterns which causing extreme weather events such as heatwaves, droughts, rainfall and flash floods which not only creating health problems but food insecurity as well.

Global warming needs immediate attention on priority basis. For the purpose the world needs to focus on implementation & execution of environmental protocols as well as to ensure Sustainable Development Goals (SDGs). We need to involve our young blood to make awareness among communities. Trainings, seminars and conferences may be arranged in educational institutions to highlights the issue and the solution. Moreover, reliance on fossil fuels must be reduced and take urgent steps for forest cover and decline deforestation in order to control the impacts of global warming. Programs like “Ten Billion Tsunami Programmed” which was adopted by Pakistan should be initiated to counter global warming which was highly appreciated by the world. The nations of the world should also switch to renewable energy resources like wind, solar, hydro and biomass energy resource. These resources reduce the emission of greenhouse gasses which contribute to global warming. Hence by adopting these measures, this planet would become a safe place to live.

References

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