

The Threat of Global Warming and The Ways to Counter It.

I Introduction

II Understand global warming

A. Definition of global warming

B. Does global warming affect climate?

III Global warming is a serious issue of 21st century

A. Environmental decline is affecting living Nature

1. Loss of bio-diversity
2. Increasing in deforestation
3. Green House Gases (GHG)

aggravates the temperature

B. Rising natural disasters are the evidence of its reality

1. Glaciers melting and rising floods
2. Change in ~~weather~~ weather pattern causes unplanned rain and

hail storms

3. Droughts and severe heat waves manifests water scarcity

C. Economic shocks due to global warming

1. Its affect on agriculture which ignites food insecurity
2. Infrastructure loss can cause unemployment
3. Unplanned migration and Immigration shake the country's economy
4. Compromise on living standards increase health insecurity

IV Barriers which hinders the ability to address emerging threat

A. Urbanization and Industrialization

B. Unbalanced deforestation

C. Fossil fuel consumption for mankind needs

D. Leaders think global warming as a myth

V A way forward to counter global warming emerging as a threat

A. Launch policies to strengthen reforestation

B. Collective efforts required of global leaders

C. Education and awareness programs

D. Low consumption of fossil fuels

E. Promotion of environmental friendly products

F. Crop rotation and modern farming methods

G. Climate resilient policy formation to reduce emission of CO_2

VI Conclusion

The Essay

A healthy atmosphere is very important for living beings which shape their future, and strengthen physical and mental ability. After industrial revolution, increasing urbanization and industrialization are the main cause of global warming. Moreover, World Health Organization (WHO) indicates the 1.5°C increase in global temperature after industrial revolution. Natural disasters and environmental decline is the evidence of global warming as a reality, but some world leaders consider it as a myth or man made illusion. It is rising threat which is alarming for the world and requires a concrete steps to counter it. In modern era of 21st century ~~countries~~ global community can address this issue which is on

the top of the list released by WHO. Global warming is a serious threat for the world, environmental changes and emerging natural disasters are the evidence of its reality, however it can be address through individual, social and international cooperation.

According to Cambridge dictionary, global warming is a gradual increase in the earth's temperature, caused by gases, especially carbon dioxide, surrounding the earth. Basically, It indicates the gases which stays in earth's atmosphere due to thick layer of green house gases. These gases work as a barrier and does not allow sun's heating rays to leave the atmosphere of earth which intensify the heat.

Global warming is a primary source of climate change. Global

warming increases the temperature of earth, but climate changes is emerge on the basis of global warming. In short, these two are interconnected and a minor difference between these two, but yes! global warming affects on the climate.

Living organisms are becoming extinct due to global warming. Some species required special atmosphere to survive like polar bears, penguins and white wolfs prefer cold habitat for their survival. It is important to understand every living being has its unique function and biodiversity is a proof of healthier environment, but its extinction is alarming for the world.

From birds to animals and animals to mankind plants and

forests play a important role in everyone's life. Plants are very important for respiratory process for every living being. Deforestation is increasing and the deficit of plants highly contribute in global warming. According to Global Forest Resources assessment, 420 million of forests have been lost worldwide since 1990. It is one of the alarming issue which world is neglecting.

Mankind do wonders in the field of science and technology, from beneath the water to higher level of space, but on the cost of earth's environment. The urbanization and industrialization, these two are the prime contributors of green house gases. These gases form a thick layer on earth's atmosphere which aggrandize temperature

and suffocated atmosphere killed not only species but also human.

The rising emission of carbon dioxide (CO_2) affects of on the climate and cause natural disasters. From glacier melting on north to severe heat waves in south, global warming is transforming the weather pattern and living standards. Greenland ice sheet alone sheds about 270 billion tons of ice mass every year, research from Climate Central Estimates. The ice melting is a prominent cause of rising sea level and floods. High level of ice melting causes unplanned floods and destruction.

Weather pattern changes in seasons affects millions of lives. 2022 flood and 2025 golf ball sized hailstorm in Pakistan affected millions and displaced thousands. Every year these disasters shake

the lives of many even competent management unable to plug the gaps.

In Africa or south, severe heat waves and droughts are killing thousands of child due to unbearable heat. Even Europe and Scandinavian countries are unable to bear rising temperature. According to Copernicus Climate Service, global temperature is rising 1.28°C from 2015 to 2024. The rising temperature increases water scarcity and creates condition of drought. In short, everything is interconnected and these droughts increase food insecurity and malnutrition in children.

Global warming is also affecting the economy of countries, especially those who depends on agriculture. Agriculture is a sector which provide raw material to most of the industries. Loss in

agriculture ultimately deprive the country from opportunities. Global warming hinder the full potential of agriculture sectors and give economic shock to agrarian states. Also, it affects infrastructure which can create unemployment. Flash floods destroys many businesses and economic hubs within minutes resulted unemployment. Moreover, unplanned immigration and migration increase burden on a state which cannot manage sudden mobilization. These emerging problems and disasters ultimately ~~int~~ invites multiple diseases like malaria. These subsequent events cause major economic loss and the core reason is global warming. However it can be addressed but multiple barriers hinder the potential.

In 1800, revolutions, democracy

and industrialization completely transformed the world. Majority of population shift their profession farmer to worker in industry to avail good wages. Ultimately, small steps become bigger and increases in industrialization and urbanization. Also, cut down trees and settle on fertile land and now rising demands of products and residency are making a severe impact of global warming. The unbalanced deforestation and depletion of fossil fuel become a source of energy. In present day, these all become a need not just a want for mankind which work as a barrier to stop the global warming. World leaders also taking these hand out from agreements because they think global warming is a myth not a reality like D. Trump.

Now, the world is on a brink and there is a dire need to solve this mounting problem to provide better future to coming generation. The first and foremost is reforestation and plantation drives to address CO₂ problem. Afterwards, collective efforts are required. More agreements should sign to address this emerging issue, like Paris agreement. In 21st century, informal and formal education can be provided through multiple mediums which helps to solve the global warming issue on individual level. Mankind relied on petroleum and fossil fuel for their daily life need and it should be transformed to green energy or environment friendly products. Farmers burn fass to minimize time of

cleaning and this affects of environment that is why modern techniques and crop rotation on fields for better fertilization should be introduced. States must adopt climate resilient policies and develop emergency teams to secure environment and human life.

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