

Global Warming is an Expensive Hoax

OUTLINE

I. Introduction

1.1 Hook

1.2 General Statements

1.3 Thesis Statement

II. Why Global Warming is not a hoax:

2.1 Impacts Of Global Warming:

2.1.1 Impacts on Pakistan:

2.1.1.1 Floods wreak havoc in 2022

2.1.1.2 Melting Glaciers in Northern areas

2.1.1.3 Increase in vector-borne diseases due to Climate Change

2.1.2 'Jakarta': The Capital Of Indonesia is sinking

2.1.3 The Droughts in California 2015

2.1.4 The Perennial Wildfires Of California 2025

2.1.5 The sea-level is rising in Bay of Bengal, Bangladesh

2.1.6 Ecosystems are effected by Global Warm

ing. Decrease in population of penguins & polar bears, Change in weather patterns

2.1.7. Maldives is effected by rising sea levels

2.1.8 Increase in heat waves in European countries

2.1.9 Melting Glaciers in Antarctica & Green land, Changes in Ozone layer detected

2.2. Causes Of Global Warming

2.2.1. Deforestation

2.2.2. Industrialization

2.2.3 Carbon Emissions by Automobiles

2.2.4. How Indus Water treaty led to the destruction of Mangrove forest leading to decrease in carbon sink

2.2.5. Karachi turned into a concrete jungle

2.3. Recommendations to Address the Issue:

2.3.1. Afforestation

2.3.2. Use Of Miyawaki method for Plantation

2.3.3 Use of renewable energy resources

2.3.4 Heavy fines on Industries that increase pollution

2.3.5. Global North should lead the way for Global South.

2.3.6. Use of AI to control the rising temperature

2.4. Conclusion

Global Warming can be defined as the increase in temperature of our planet above the normal predicted levels. Some people consider this to be a hoax but ~~nothing can be further~~ the impacts of global warming can no longer be ignored. Even in Pakistan, the impacts of global warming are clearly visible. As it's a man-made issue so it can be controlled if timely measures are taken. Global North is now adopting measures to control the effects of global warming, it should encourage and finance sectors in global south to control pollution & decrease the level of CFC to reduce the effects and bring the rising temperature under control. The impacts of Global Warming can be seen in Pakistan as increasing floods, increase in melting glaciers and increase in the vector borne diseases affecting the cities. Similarly, Indonesia is building a new capital because Jakarta is affected by the rising sea levels. California has been facing increasing droughts and wildfires recently because of this issue. The sea level is rising in the Bay of Bengal, ecosystem is changing, there is a decrease in population of penguins and polar bears.

and change of weather patterns in several countries. Maldives, a country famous for tourism because of its beaches is severely affected by the rising sea levels. Each year the heatwaves in European countries are increasing because of climate change & the melting glaciers of Antarctica & Greenland can no longer be ignored. The main reasons are industrialization, deforestation, carbon emissions by automobiles, unplanned cities and dam constructions. The recommendations to address the issue include afforestation, use of Miyawaki method for plantation, shift to renewable energy sources, heavy fines on industries that cause pollution, Global North should finance Global South and AI technology should be shared and used to deal with this situation. Thus Global Warming is definitely not a hoax and efforts should be taken to decrease this phenomenon.

The effects on Pakistan include the increasing floods, melting glaciers and increase in vector borne diseases. The recent floods of 2022 wreak havoc throughout Pakistan. It led to loss of ~~millions~~ lives, damaged infrastructure of several areas, crops were destroyed, livestock was lost leading to loss of livelihood of a lot of people. Millions of people were

displaced. The floods happened because of the changing weather patterns due to climate change. Pakistan is home to a large chunk of glaciers, despite not being a major carbon emitter, it is severely affected by the emissions.

According to a recent study, the glaciers are melting at a higher than expected rate which leads to increase in water in the rivers and affects the climate of that particular area. Pakistan still not has made legislation regarding slowing down the process & conserving the environment. Similarly the increase in vector borne diseases in Pakistan recently is also attributed to climate change, the weather is now favourable to several species of mosquitoes which thus increases the load of communicable diseases in Pakistan.

Another country that is severely affected by climate change is Indonesia. It's now building another capital and planning to shift the entire population & infrastructure there. Because of the rising sea levels Indonesia's capital Jakarta cannot be functioned. Thus it lead of displacement of millions of people & cost millions to build another city because

of global warming.

In 2015, California faced severe drought due to climate change, it's experiencing increasing heatwaves & decreasing rainfall because of climate change. In the past, May - October used to be the main months for wildfires in Californian jungles. But because of global warming, this has now become a 'perennial' issue from a 'seasonal' one. The recent wildfires at the end of 2024 & beginning of 2025 are due to the changing weather patterns. These are difficult to contain due to the decreasing rainfall & increasing intensity by which they spread due to dryness of the area. It lead to loss of great infrastructures, many homes of people were lost & people suffered because of displacement.

Bangladesh has reported increase in sea level of Bay of Bengal, adjoining areas were affected & will continue to be affected if steps are not taken to address the rising sea levels. The ecosystem and weather patterns of areas are severely affected by global warming. There has been a 33% decrease in

population of Penguins & Polar bears in Arctic region because of climate change.

Maldives is a country famous for its sandy beaches. It earns a lot from tourism but it is severely affected by rising sea levels. Experts consider that it might even be uninhabitable at the end of this century because of global warming. Many countries which are based on islands are greatly impacted by this issue. The rising heatwaves each year contribute a lot to rising levels & melting of glaciers.

Many countries in Europe experienced increased heatwaves this year because of global warming. The citizens of these countries never experienced this kind of rising temperature. The countries had to issue warnings to citizens and were greatly concerned by the rising temperature. Experts have warned that the glaciers of Antarctica and Greenland are melting at a higher than expected rate because of global warming. They affect the ecosystem, the population of several animals. The Ozone layer above Antarctica is also damaged.

which leads to increase in UV radiation which causes an increase in skin cancer as well. Experts warn if the rising temperature is not controlled as these changes are permanent, our planet will be severely affected by the rising temperature.

The main causes of Global Warming are deforestation, industrialization, carbon emissions by automobiles, unplanned cities and construction of dams - Only 10% of countries account for 66% of the forests of the world.

The forests throughout the world are dwindling at a faster rate than expected because of human activities. Forests are cut to clear land for farming, construction purposes, to get timber - Forests are one of the major carbon sinks and their decrease causes a major effect to the climate and weather patterns which happened in the twentieth century. Industrialization greatly during the increase in carbon emission levels.

The SO_2 due to burning coal, caused smog which lead to a lot of deaths. Global North developed to a lot of deaths. The effects of the increase amount is now witnessing greatly due to industrialization.

of pollution. The heatwaves, decrease in life due to pollution, increase in diseases are some the major effects. The nonrenewable energy resources that were used greatly increased the particulate matter in air, the increased carbon emission lead to decrease in quality of life of human beings. Coal, Gas, Oil used by automobiles has now proven to be harmful for health and increase in temperature of our atmosphere. That's why developed countries are now shifting to cleaner sources of energy for the functioning of automobiles. Karachi is an example of how an unplanned city affects the climate of that area. It has now turned into a concrete jungle, with little vegetation that's why the heatwaves are increasingly experienced each year. Cities should be planned according to the climate leaving plenty of spaces for parks to combat pollution. Similarly, it was found while Indus Water Treaty solved the problem of India & Pakistan river distribution, the construction of dams lead to the destruction of second largest mangroves.

Forest of the World. The construction of dams should be planned keeping in view the ecosystem of the areas. The unplanned construction leading to destruction of vegetation can have catastrophic consequences for human beings.

The recommendations to address the issue include afforestation, use of Miyawaki method to increase plantation. India used this method as it leads to faster growth of plants in a limited space and thus it's a major carbon sink and increases the biodiversity of that area. Renewable energy resources like air, water, sunlight should be used to be run industries by generating electricity. It's a very clean method thus causing decrease in pollution thus decrease in the global warming. Global North should lead the way for Global South in this regard. Financing should be done to help the developing countries in adopting cleaner sources of energy thus contributing to decrease in climate change. Heavy fines should be imposed on countries and industries who fail to

recognize this issue. MNCs and developed countries should play a major role in research in combatting the causes of global warming.

AI can be used in decreasing pollution of several countries.

The Google developed AI model reduced emissions by 10% by regulating the traffic signals in several cities. Similarly AI models helped firefighters in California in combating forest fires thus reducing emissions which lead of increase in pollution of those areas. Similarly

AI models can predict disasters including floods. These models can greatly help in reducing pollution thus decreasing the devastating climate change.

In a nutshell, climate change is not an expensive hoax, rather it's a reality that's affecting the entire world. The increasing heatwaves, wildfires, rising sea levels, increase in vector borne diseases is a testament to the fact that if this problem is not addressed soon, global warming will make this planet uninhabitable. Only when the people can't breathe they'll realize that money is not the most

important thing rather a clean healthy environment is what makes this life worth living. The causes of deforestation, unplanned construction of cities & dams should be addressed - All countries should collaborate via funds and research to stop this, because this change will effect all citizens and the damage done soon needs to be reversed.
