

# Global Warming / Climate Change Threats Date: \_\_\_\_\_

## Introduction:-

There is one issue that will define the contours of this century, more dramatically than any other, and that the urgent threat of a changing climate (Barack Obama). The significance of achieving cope with global warming due to rise in temperature and emission of green house gases comes into focus, when examine the threats by global warming. Foremost, the climate-related threat is water scarcity as evident from the rise in temperature, melting glaciers and recurrence of the natural disasters. The floods not only in the form of floods and droughts. The floods not only incurred human cost, but also agriculture sector and tourism sector. Most importantly, <sup>the repercussions the</sup> the weakened economy of the state and spread anger among public due to interstate conflict and poverty. Furthermore, the results create more space for violent non-state actors. To address these challenges, an economic assistance is needed to make use of renewable energy, genetic engineering crops, that not only reduce emission of GHG, but also stimulate economic growth. It also necessitates to implement policies

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agreement and promote reforestation by social media campaigns, ultimately fostering global warming. Despite facing threats by global warming, a ways to counter global emission global warming also persist. However, a collaborative efforts of by nations are needed to achieve green earth.

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The constant rise in temperature of earth and its atmosphere due to emission of greenhouse gases cause global warming. Currently, it becomes great concern for humanity, taking them destruction in multiple forms such as natural disasters, diseases that need to be minimized in all circumstances. Therefore, a number of countries adopted several measures to minimized the impact of global warming.

To begin with, global warming causes shortage of water at high pace. The rise in temperature causes glaciers to melt, which result the world will surely face shortage of water. The glaciers water are needed for agriculture activities, which is the main source of economy for agrarian countries like Pakistan. The glaciers lose 267 tones of ice each year due to rise in temperature, which results water shortage for agriculture sector. However,

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due to rise in temperature, which results the world will surely face shortage of water and economic crises.

In addition, the global warming not only threatens shortage of water, but also poses threat of natural disasters. The melting of glaciers due to rise in

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temperature cause flood, which results the loss of human lives and washes the agricultural areas, also makes the land infertile for agricultural production. According to the United Nations office for the coordination of humanitarian affairs, 33 million people in Pakistan are affected by flood in 2022. Thus, rise in temperature and melting of glaciers cause natural disasters, results the world suffers human as well as economic loss.

Furthermore, the natural disasters also affect agriculture sector at high rate. The increase in floods wash the agricultural area and make the land infertile for agricultural production, which result not only cause food insecurity, but also economic losses as agriculture is the source of income for in most agrarian countries like Pakistan. According to Asian development Bank report 2022 "Asian development outlook 2022" Flood damages agriculture sector as wheat is usually planted from mid oct. Hence, floods due to rise in temp melting of glaciers cause damage to agricultural sector, which ultimately result shortage of food.

The global warming poses threats of

rising in health issues and loss of human lives. The increase in floods not only impact agriculture sector, but also lead to shortage of food and clean water for water drinking purpose, which result increase in health issues and malnutrition among children in those areas that are fall prey to natural disasters. According to UNICEF Representation of Pakistan 2023, we are facing nutrition emergency that is threatening the lives of million of children. Hence, rise in health issues are repercussions of increase in natural disasters due to global warming.

Moreover, natural landscape due to global warming disrupts the attraction of destination. The increase in natural disasters due to rise in temperature not only damage the tourism destination and infrastructure, but also decrease the tourists members, which results weaken the economy of the state. Therefore, the tourism sector which is also a source of economy of nation also impacted by the natural disaster due to global warming.

Furthermore, the weaken economy of the state is another factor caused by the global warming. The disruption in

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agriculture sectors and decrease in tourism sectors weakened due to increase in natural disasters due to of floods, storm etc. weaken the economy of the state. According to the Pakistan Economic Survey report 2023 "National Economy" is still bleeding from the big hit of \$30.13 billion it took in July 2020. Hence, economy of the state also gets hit by the increase in global warming.

In addition, global warming also cause intrastate conflicts due to unequal distribution of resources. The disruption of agriculture production and weak economy of the state cause unequal distribution and limited distribution of resources within the state, which results competition and conflict among people over resources in the state. The focus on resources competition among different groups in the Kenya leading to conflict. (Climate Change helps non-violent non-state actors, Humayoun, 11 Dec, 2023). However, limited distribution of resources and weak economy due to global warming cause conflicts within the state.

The poverty is another factor caused by global warming. The losses in businesses

due to natural disasters weaken the economy of the state, ultimately lead to poverty and frustration among people of state. The post disaster assessment needs assessment report 2023 revealed that poverty in Sindh would increase between 8.9% and 9.7%. Thus, global warming weakens economy of the state lead to poverty and frustration among individuals of the state.

Additionally, global warming also gives space to violent non-state actors. The increase in unemployment due to weak economy causes increase in extremism and helps violent non-state actors for their illegal activities. The frustrated and unemployed people are facilitated by <sup>violent</sup> non-state actors, which in return help them for their activities and weaken the state legitimacy. Climate change undermines state legitimacy by reducing state capacity for service delivery and creating more space for <sup>violent</sup> non-state actors. (Climate Change helps violent non-state actors, Humayousaf, 11 Dec, 2023). Hence, global warming helps violent non-state actors for their activities, which damages the legitimacy of state.

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warming threat. Moreover, developed and developing countries are trying their level best to convert automobiles cars into electric cars to reduce emission of smoke and minimize the threats of global warming, where Pakistan has already played a role by launching ~~the~~ SEV, an electric car on August 14, 2020. Moreover, However, the use of renewable energy reduces the emission of smoke and minimize the threats of global warming.

Furthermore, production of genetic engineering crops are the ways to counter global warming and fulfil agricultural demands. The genetic engineering crops are able to less bear extreme drought and salinity, like soyabean. It would possible to minimize damages by global warming and fulfil agricultural demand, ultimately more stimulate economy. Thus, the genetic engineering crops are able to counter global warming and fulfil demands of agriculture.

The reduction in green house gases is another factor to minimize the global warming. The use of renewable energy and to phase out fossil fuel by using coal, gas, oil not only reduce the emission of green house gases,



but also minimize impacts caused by global warming, which results in natural disaster and bring stability in economy of not the state. In Pakistan, high rate of toxic emission of gases from industries cause global warming (South Asia's smog, Jamil Ahmad, 20 Dec, 2021). Thus, reduction in the emission of green house gases can minimize the impacts of global warming.

The implementation of Paris Climate Accord in true spirit also a key factor to fight against the global warming. The agreement was signed among 190 countries and aims to limit the emission of carbon dioxide to bring the global temperature down. They need to unite go together under the banner of United Nation Conference and make policies to implement the agreement practically. However, implementation of Paris Agreement <sup>in true spirit</sup> by countries can minimize the emission of green house gases and ultimately foster global warming.

Moreover, the developed countries should provide economic assistance to climate-hit countries. Floods and storms destroy the infrastructure of any countries that fully prey

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to them. Moreover, the developed countries must share technology and expertise for disaster management with the countries most affected by the natural disasters. As Pakistan following flood in 2010, the help provided by Canada to Pakistan following flood in 2010, other countries must follow Canada in terms of help to poorer counterparts. However, the developed countries should provide training, new technology and manpower to developing countries to minimize losses and damages caused by global warming.

The world also needs to initiate a global reforestation campaign. Trees and greenery have rightly termed as major carbon sinks, they not only prevent the warming up of the earth, but also keep the balance of climate. However, every international country seems indifferent in this regard.

Burning of Amazon forests need immediate attention. Amazon forests are the lungs of earth, since they account for roughly twenty percent of the global oxygen level. Hence, every individual country should take responsibility to plant multiple trees for every single tree cut to minimize the global warming.

In this era, social media can also aware about the usage of renewable energy

reduce toxic emission from industry. Help to save the world from the impacts of global warming in terms of natural disasters, human and economic costs. Hence, social media can highlight the repercussions of global warming and promote the importance of green earth for human lives.

To conclude, it can surely be stated that global warming remains the most alarming threat not only for society, but for the entire planet. ~~It can destroy the entire planet~~ it can destroy the entire planet in terms of natural disasters, that not only incurred human costs, but also economic cost agriculture and tourism ~~costs~~ <sup>sector</sup> which ultimately weakened economy and spread frustration and poverty among people of the state. Therefore, it is necessary for international community to implement Paris Climate Accord and transition toward renewable energy to minimize the losses and damages caused by the global warming.

Avoid cutting/over-writing  
Prefer academic writing over  
journalistic writing