

# The threat of Global warming and ways to counter it.

## Outline:

### (1) Introduction:

Thesis statement: Weather disasters, loss of biodiversity, food scarcity, water scarcity, Economic instability are some of threats of Global warming for planet. However, these threats can overcome by adopting such measures like: Transition to renewable energy sources, ~~moving~~ electrification of vehicles, ~~car~~ which are only possible with effective policy framework.

### (2) Decoding the Term "Global Warming":

### (3) Negative impacts of Global warming are the threats for Planet:

(3.1) Global warming has increased risks of weather disasters.

case study: a) Los Angeles (2015) b) Pakistan Floods (2022)

(3.2) Global warming is causing loss of biodiversity.  
case study: a) loss of coral reefs

(3.3) Global warming is danger for agriculture sector: which is main source of economy for many countries.  
case study: a) loss of wheat production in Pakistan

(3.4) Global warming is the cause of the season of rainy economic instability.  
case study: a) Disaster Floods in Pakistan: loss in its economy

(3.5) Global warming is causing water scarcity, Food scarcity in the World. water scarcity in Indus River basin.  
case study: a) ~~Permafrost melting~~ b) Food scarcity in Africa due to drought

(3.6) Global warming is the danger for health of the people:  
case study: a) Increased malarial diseases in Africa

### (4) Adoption of some effective measure can overcome very impacts of Global warming:

(4.1) Transition to renewable energy sources can reduce greenhouse gases emissions.

case study: a) Denmark's transition to wind power  
b) India's company use banana fibers for goods making

(4.2) Transition to electric vehicles can save CO<sub>2</sub> emission:  
case study: a) Pakistan's step to move towards electric

(4.3) ~~Imposition of taxes and reduction of subsidies upon use of electric vehicle and use of renewable sources can impact~~

(4.3) Climate resilient infrastructure can provide protect from weather disasters.  
case study: a) Climate resilient coastal protection project of Bangladesh.

(4.4) Adopting advanced techniques in agriculture sector can protect food security, economic stability  
case study: a) Climate resilient agriculture project in Punjab.

~~(4.5) Industrial sector should adopt carbon transfer to~~

(4.5) Reduction in deforestation, industrialization & transfer to renewable sources can reduce Global warming.

case study: a) Engro Corporation's sustainability project.

**(5) Strong Policy framework is needed to ensure these sustainable measures:**

~~(5.1) Paris Agreement and its current policies and~~

~~(5.2) Need to fasten Kyoto protocols and stage~~

**Conclusion:**

Global warming is threatening existence of humans; it's time to take actions to counter its threats. Before 18th century there was no concept of Global warming, but in 1827, first Joseph Fourier proposed the concept of green house effect on world. In 1859, when Roger Revelle and Hans Suss warned about dangers of increasing carbon dioxide at that world took global warming as a serious concern. In 1960, Green House Climate was formed to study about impacts of increasing Green House gases on global temperature. UN United Nations Framework Convention on Climate Change (UNFCCC) was established in 1992, to coordinate integrate international community to mitigate climate change. Kyoto Protocol was also established, whose first part has completed until 2015, it was not in working after USA's withdrawal. Paris Agreement is the current working body for climate change in world. All of this shows that efforts of world to counter this big challenges because everyone knows its

Threats. Global warming is the threat for the world because it has negative impacts like weather disasters, loss of biodiversity, food security, water security and economic instability. These are ways to counter these negative impacts such as electrification of vehicles, transitions to renewable energy sources but these solutions require any policy framework to implement them in world properly. For understanding the negative impacts of Global warming, first understanding of essence of term "Global Warming" is necessary.

Global warming is defined as, it is the process of increasing in temperature in atmosphere caused by human activities, which release green house gases such as  $CO_2$ ,  $CH_4$ ,  $NO_2$ . Human activities such as: Industrialization is the biggest source to release  $CO_2$  and other green house gases; Deforestation which remove such sources like plants, which are responsible to absorb  $CO_2$ ; Fossil fuels burning releases  $CO_2$ ,  $CH_4$  on high levels. These gases increase in atmosphere and cause temperature of atmosphere which leads to global warming.

Weather disasters risks has been increased by increasing in global warming.

Increasing weather disasters are one of the negative impact of increasing global warming. Global warming is not only reason for weather disasters, but due to global warming weather disasters are occurring rapidly. Rising temperature are causing more heatwaves, storms, droughts, and resulting in disasters. Global warming has increased weather disasters frequency and intensity. Los Angeles city of America had faced its history's most dangerous wildfires, in which, 29 people were killed and 10000 houses were burned in these wildfires. This shows the intensity of weather disasters has increased dangerously. Global warming has ~~also~~ increased risks of weather disasters. (connector is missing) Global warming has ~~also~~ caused loss of biodiversity. In other words, biodiversity loss of biodiversity means disappearance of plants, animals, ecosystem where they live. Rising temperature inside

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→ on Years (Europeans 1648)

as seas, it makes difficult for aquatic life to live in that heated habitat, which results in their deaths of that specific species. These different species which are slowly disappearing from this planet, is ~~due to~~ they are very much important for balancing ecosystem, for humans. Coral reefs are the complex part of ecosystem. It has unique structure and it provide shelter and ~~supp~~ habitat for many fishes, but ~~due~~ due to rising in temperature inside oceans, loss in coral reefs is occurring fastly. which ultimately is danger for fishes. It is impacting ~~on~~ marine life and destroying habitats of many animals. This kind of loss of biodiversity is <sup>not only</sup> one of the biggest negative impact of Global warming. But also impact on agriculture sector.

Agriculture sector is highly got effected by global warming. ~~It is due to~~ Increase in temperature ~~and~~, change in precipitation, change in pest arise and change comprouis quality of crops and also reduce quantity of crops' production. Agriculture sector is the main source of Asian countries

China and India now are focusing on technology ~~because of~~ but Pakistan, whose 25% GDP ratio depends on agriculture, is highly got effected by climate change. Different crops of world are getting compromised in quality and quantity because global warming alter temperature and change precipitation method for them. Pakistan has highly suffered from floods of 2022 during which ~~in~~ Sindh, almost production of wheat has decreased and it affected GDP ratio of Pakistan. In 2023, Pakistan is almost saved itself from becoming bankrupt. hence it is proved that climate is highly effecting GDP ratio because it effects ~~the~~ agriculture sector.

Global Warming is not only effecting agriculture sector but highly effecting economy. in other ~~term~~ of words economy's loss is not only caused by global warming but it is one of the factor which effects ~~d~~ economy of any country by effecting its sources of economy such as agriculture sector, effects its infrastructure loss, increased heart stroke causes deaths which ~~are~~ are

mainly students, those countries which are facing effects of climate changes. They are also facing loss in economy. Pakistan has also faced highest loss in economy during floods. In Sindh and Balochistan, Infrastructures, agriculture sectors, labours are affected and it ultimately affected Pakistan's economy. ~~Low~~ Pakistan has faced highest economic crises during floods. Economy of countries has been affected rapidly by Global warming.

Raising temperature in the world is ~~impacting~~ causing water scarcity and food scarcity. Water scarcity and food scarcity means loss in water and food. Raising temperature is ~~impacting~~ causing rain and it is observed that drought has increased, due to which food is getting affected. ~~and~~ Global warming is causing water scarcity because due to ~~increased~~ waste of industries. Industries has thrown down their waste in water ~~seas~~, lakes, canals, rivers which ultimately polluted water and ~~thus~~ this, fresh water in the world is

compromising. Water scarcity in Indus River basin is the example of that. Global warming causing evaporation from Indus river and also change precipitation of Indus river, and which ~~causes~~ increase water scarcity for Pakistan. There proved, global warming is severely affecting world's food security and water security. Another impact it has on health.

Global Warming is severely compromising health of people. Health is one of the basic fundamental need of man. As global warming is impacting environment, food, water and it is slowly contaminating ~~and~~ all sources of humans, ~~where~~ on which, human depends on such as environment, fresh water. Contaminated water, contaminated environment, contaminated food has been affecting on human's health. ~~Officer~~ is ~~causing~~ facing high malarial cases, ~~not~~ for malarial, mosquito needs an suitable environment of contaminated water and due to global warming, contamination in water has increased and ~~officer~~ malarial

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cases also increased. This is how global warming effected health in Africa. ~~etc~~ It is one of the major impact of global warming.

In above argument, a neg impact of global warming has discussed. In following paragraphs effective messures will be discussed, by taking them, effects of global warming can get countered.

Essay = half essay

Assisment needed on these points.

Thesis (V) (X) how to improve

Outline (V) (X) how to improve

Grammar (V) (X) how to improve

Body paragraph structure (V) (X)

Introduction (V) (X)

Idea conveyed (V) (X)