

Climate change in Pakistan: Causes and Consequences

Brainstroming

Causes

- Deforestation
- Transportation
- Use of Plastic
- Unplanned Infrastructure Projects

Consequences

- Impact on Human Health
- Natural Disasters
- Glacial Melting
- Extreme Heatwave

Not a comprehensive outline

Jot down all the points

Address all part of Essay topic

Address all parts of the Question

Focus on your grammatical errors as well

Work on your articulation as well

Topic :

Climate change in Pakistan:
Causes and Consequences

Outlines :

1- Introduction

1.1 - Hook

1.2 - Statement

1.3 - Thesis Statement

2- Causes of Climate change in Pakistan

2.1 - Deforestation

2.1.1 - Lossing Carbon ✓

2.1.2 - Lossing biodiversity ✓

2.1.3 - Rissing temperature ✓

2.2 - Transportation

2.2.1 - Causing air pollution ✓

2.2.2 - Increasing CO₂ ✓

2.2.3 - Warming Climate ✓

2.3 - Use of Plastic

2.3.1 - Manufacturing emit greenhouse gases ✓

2.3.2 - Buning Cause air pollution ✓

2.3.3 - Destroying ecosystem ✓

2.4 - Unplanned Infrastructure Projects

2.4.1 - Lossing green Covers ✓

2.4.2 - Increasing Urban heat ✓

2.4.3 - Frequently Landsliding ✓

Assignment NO :2

Causes of Climate Change in Pakistan

Paragraphs

Deforestation in Pakistan significantly contributes to climate change. The impact of deforestation is the loss of carbon sink. Trees absorb carbon dioxide (CO_2) during photosynthesis and store it. When forests are cut down or burned, this stored carbon is released back into the atmosphere, contributing to the increase in greenhouse gases and global warming.

Pakistan's forests, including mangroves in the Indus Delta and the Coniferous forest in the northern regions, play a crucial role in sequestering carbon. The rapid rate of deforestation is leading to higher atmospheric CO_2 levels. Deforestation also results in a significant loss of biodiversity. Pakistan's forests are home to a wide variety of plant and animal species. The destruction of habitats due to deforestation threatens

Add evidences to substantiate your argument

The survival of these species, leading to a decline in biodiversity. This loss of biodiversity disrupts ecosystems, affecting their ability to provide essential services like pollution, pollination, water purification and the climate regulation. The extinction of species makes it harder for ecosystems to adapt to changing environmental conditions. Furthermore, deforestation contributes to rising temperatures. Forests help regulate local temperature by providing shade, influencing local climate patterns and absorbing CO₂. When forests are cleared, the absence of trees reduce cooling effects and increase temperature which can also affect crops and water availability. Therefore, the deforestation in Pakistan has severe consequences for the environment.

Transportation plays an important role in climate change in Pakistan. The transportation sector in Pakistan is a significant contributor to air pollution. Vehicles emit pollutant gases which harm human health and the environment.

These gases pollute environmental air and cause many issues in climate change.

Similarly the transportation sector in Pakistan heavily relies on fossil fuels which release carbon dioxide (CO₂). The growing number of vehicles on the road contributes to higher CO₂ emissions and driving, while inefficient vehicles and driving practice lead to

increased fuel consumption. As a result, the transportation sector's CO₂ emission contributes

to the overall greenhouse gas emission in Pakistan accelerating climate change.

Furthermore the increase of CO₂ emission from the transportation rising temperature, altering weather patterns and ecosystem.

Properly convey your answer in a coherent way

The warming Climate Poses significant threats to Pakistan's agriculture, water resources and human health. In Conclusion the transportation Sector in Pakistan has a significant impact on climate Change contributing to air pollution, Increased CO₂ emmissions, and a warming Climate.

In Pakistan, the use of Plastic is Contributing to Climate change in several ways. The production of plastics is a significant contributor to greenhouse gas emmission. In Pakistan, the manufacturing process of plastics products relies heavily on fossil fuel, which release Carbon dioxide and methane into atmosphere. As a result, the Plastic Industry in Pakistan cause accelerating climate change. Likewise the burning of Plastic waste is an

Important Source of air pollution in Pakistan

When plastic is burned, it release

toxic chemical into the atmosphere.

Grammatical errors

including black carbon, persistent organic pollutants and organic compounds. These pollutants harm human health and also contribute to Climate Change. Furthermore

plastic also destroying ecosystem in

Pakistan, particularly in marine

environments. when plastic waste enters

the ocean, it release greenhouse

gases, harm marine life, and damages

carbon sinks. The impact of Plastic

Pollution on marine ecosystem is far

reaching, affecting not only the

environment but also the ~~ecos~~

economy and human health.

The impact of Plastic on Climate change

in Pakistan is significant. The manufacture

ing of plastic, buying of Plastic and

destruction of ecosystem are all

Contributing in environmental degradation.

Unplanned infrastructure projects have become a significant contributor to climate change in Pakistan. The development of infrastructure projects in Pakistan often requires the clearing of large land leading to the loss of green spaces. Trees and green spaces play a crucial role in absorbing CO₂. When these areas are cleared, the carbon sinks are lost, contributing to climate change. Unplanned infrastructure projects can lead to the creation of urban heat islands, where built-up areas absorb heat and increasing temperatures. The impact of urban heat islands is far-reaching, affecting not only the environment but also human health and the ecosystem. Moreover, frequently landslides are also because of unplanned infrastructure projects.

Deforestation and soil erosion increase the risk of landslides particularly during rainfall events. Climate change is projected to increase the frequency and intensity of such events in Pakistan.

~~The loss of~~ In conclusion the loss of green covers, increased urban heat and frequently landsliding all are the impact of unplanned infrastructure projects, cause climate change in Pakistan.