

ESSAY WRITING

CLIMATE CHANGE IN

PAKISTAN

CAUSES & CONSEQUENCES

Brainstorming

Causes

- 1) Fossil Fuel Combustion
- 2) Deforestation
- 3) Agriculture
- 4) Industrial Activities
- 5) Population Growth

Consequences

- 1) Extreme Temperature
- 2) Altered precipitation pattern
- 3) Reduced Crop yield
- 4) Environmental Degradation
- 5) Increasing Energy Demand

Outline

1. Introduction:

1.1 Hook statement

1.2 General statements

1.3 Thesis Statement: There are several causes like fossil fuel combustion, deforestation, agriculture, industrial activities and population growth resulting in many drastic consequences. These consequences include extreme temperatures, altered rainfall patterns, reduced crop yield, environmental degradation and increasing energy demand.

2. Main Body:

A. Causes of Climate change

* 2.1 Fossil Fuel Combustion

2.1.1 Emission of Greenhouse gases

2.1.2 Heat trapping

2.1.3 Rising temperatures

2.1.4 Power Sector, Industrial Sector and transportation

* 2.2 Deforestation

2.2.1 Reduction in forest.

2.2.2 Reducing the ability to absorb CO_2

2.2.3 Disrupting ecosystems

2.2.4 Logging and Mining

2.2.5 Urbanization.

* 2.3 Agriculture

2.3.1 Livestock farming

2.3.2 Fertilizer production & use

2.3.3 Energy consumption

* 2.4 Industrial Activities

2.4.1 Certain industrial processes

2.4.2 Leaking from older facilities

2.4.3 Manufacturing of materials

2.4.4 Production of chemicals

* 2.5 Population Growth

2.5.1 Increased resource consumption

2.5.2 High fertility rates

2.5.3 Low mortality rates

2.5.4 Culture / religious practices that discourage family planning.

2.5.5 Migration and Displacement

B. Consequences of the causes:

* 2.1 Extreme temperatures

2.1.1 Increased Heatwaves

2.1.2 Wildfires

2.1.3 Droughts and water scarcity

2.1.4 Global warming to Global boiling (A Shift)

2.1.5 Melting of Ice Caps and Rise in Sea level.

* 2.2 Altered Precipitation Patterns

2.2.1 Increased flood risk

2.2.2 Impact on human health

2.2.3 Reduced agriculture output

★ 2.3 Reduced Crop yield

2.3.1 Food insecurity.

2.3.2 Malnutrition

2.3.3 Seasonality of crops

2.3.4 Plant Diseases.

★ 2.4 Environmental Degradation

2.4.1 Loss of biodiversity

2.4.2 Resource depletion

2.4.3 Pollution

2.4.4 Habitat destruction

★ 2.5 Increasing Energy Demand

2.5.1 Rising Energy prices.

2.5.2 Depletion of non-renewables

2.5.3 Potential for energy crises (Industrial stagnation and power shortages).

2.5.4 Economic Strain and increased reliance on Imports.

3. Conclusion:

3.1 Restating thesis statement.

3.2 Summary of main ideas

3.3 Possible solutions and steps to avoid drastic consequences.

3.4 Final thought.

THE ESSAY

A whisper of change has become a roar in Pakistan, the delicate balance of its climate system increasingly disrupted. The delicate dance of monsoon rains, once a life-giving rhythm is now erratic and destructive. The fingerprints of human activities are key consequences of a warming planet. The relentless burning of fossil fuels, widespread deforestation, unsustainable agricultural practices, burgeoning industrial activities and a rapidly growing population are acting as powerful engines driving this environmental transformation. These causes are resulting in a cascade of severe consequences, from soaring extreme temperatures, dramatically altered rainfall patterns, dwindling crop yields, widespread environmental degradation and an increasing energy demand. This essay will probe into intricate web of these causes and consequences, highlighting the urgent need for solutions to safeguard's Pakistan future.