

Climate change in Pakistan:

Causes and consequences

Brain storming

Climate change in Pakist

Causes

Consequences

- | | |
|---|--------------------------------------|
| → Combustion or burning of fossil fuels | → Glacial melt and water instability |
| → Massive increase in population | → Extreme weather events |
| → Massive Deforestation | → Coastal vulnerability |
| → Rapid Urbanization | → Agricultural collapse and food |
| → Industrialization | |
| → Agricultural practices | → Health crises |

Outlines

1) Introduction

1.1 Hook

1.2 General statements

1.3 Thesis statement: There are multiple causes of climate change in Pakistan which is combustion or burning of fossil fuels, massive increase in population, massive deforestation, ~~mass~~ Rapid

urbanization and agricultural practices.
The consequences of these causes is
Glacial melt and water instability,
extreme weather events, coastal vulnerability,
Agricultural collapse and food and also
health crises.

2)

Main Body

2)

Main Body Causes of climate change in Pakistan.

2.1 Combustion or burning of fossil fuels

2.1.1 Green house Gas emissions.

2.1.2 Air pollution

2.1.3 Energy inefficiency and waste heat

2.1.4 Mitigation strategies.

2.2 Massive increase in population

2.2.1 Increase in production

2.2.2 Increase in transport activities.

2.2.3 Increase in generation of solid wastes

2.2.3 Increase in agriculture.

2.3 Massive deforestation

2.3.1 Increase of CO_2 .

2.3.2 Biodiversity loss

2.3.3 Soil degradation

2.4 Rapid Urbanization

2.4.1 Increase in construction activities.

2.4.2 Loss of green spaces

2.4.3 Displacement of vulnerable groups

2.4.4 Informal settlements.

Consequences of Climate change in Pakistan

2.1 Glacial Melt and Water instability.

- 2.1.1 Global warming
- 2.1.2 River flow volatility
- 2.1.3 Groundwater depletion
- 2.1.4 Energy crises

2.2 Extreme weather events.

- 2.2.1 Heat waves.
- 2.2.2 Droughts
- 2.2.3 Displacement and migration

2.3 Coastal Vulnerability

- 2.3.1 Loss of land
- 2.3.2 Fresh water scarcity
- 2.3.3 Risks for population which is on coastal axis
- 2.3.4 Livelihood loss.

2.4 Agricultural collapse and Food

- 2.4.1 Risk of food security
- 2.4.2 Desertification reduced productivity.
- 2.4.3 Conflicts over water distribution
- 2.4.4 Hoarding, inflation and poor storage
- 2.4.5 Import Dependency.

"The Essay"

Imagine a country where melting glaciers flood cities, scorching heatwaves shatter records, and fertile lands turn to dust, all while contributing nothing to the problem. Pakistan effected by climate disasters it didnot create, stands as

an innocent victim in warming world. From cities swallowed by floods to farms swallowed by deserts, why does this nation pay the price for the crises it barely caused? Well Pakistan contributing less than 1 percent to global greenhouse emissions, while faces some of the world most devastating climate impacts, from record-breaking heatwaves to apocalyptic floods, recently in 2022 Pakistan loss 30 billion USD infrastructure in flood it's just because of climate change. The causes of climate change in Pakistan is combustions or burning fossil fuels, massive increase in population, massive deforestation and Rapid organization due to these causes the consequences of climate change in Pakistan is Glacial melt and water instability, extreme weather events, coastal vulnerability and Agricultural collapse and food. Unless Pakistan these issues of climate change in Pakistan are addressed properly. Pakistan can neither become prosperous nor respectable.