

Date 17-05-2025

Topic: Climate change in Pakistan: Causes and Consequences.

## Brainstorming

### Climate change in Pakistan

Causes

Consequences.

• Deforestation

• Weather changes

• Population Growth

• Food issues

• Burning of Fossil Fuels

• Water scarcity

• Agriculture

• Health Risks

• Affected by neighbour country.

• Sea level rise

• Low income country

• Migrations

## Outline

### 1. Introduction

1.1. Hook

1.2. General Statement

1.3. Thesis Statement: Climate change is a major problem of Pakistan, many



Causes of climate change in Pakistan  
Population growth, Deforestation; these  
things affect on health, Water  
scarcity, Food issues and many  
more.

## 2. Main Body

### 2.1. (A) Causes of Climate change in Pakistan

#### 2.1.1. Deforestation

2.1.1.1. Releasing stored carbon into  
atmosphere.

2.1.1.2. Reduced carbon Absorption.

2.1.1.3. leads to a stronger greenhouse effect.

2.1.1.4. Dangerous Feedback Loops.

#### 2.1.2. Population Growth

2.1.2.1. Increased demand for  
resources.

2.1.2.2. Pollution (air, water, soil)

2.1.2.3. Urban expansion "Urbanization"

2.1.2.4. Waste production increase.

#### 2.1.3. Burning of Fossil Fuels.

2.1.3.1. Releases vast amounts of  
Carbon dioxide ( $\text{CO}_2$ ).

2.1.3.2. Carbon emissions trap  
Heat in the atmosphere.



## 2.1.4. Agriculture

2.1.4.1. Fertilizers, rice cultivation

2.1.4.2. Land use for agriculture.

2.1.4.3. Climate change also effect on agriculture in response.

## 2.2. (B) Consequences of climate change in Pakistan.

### 2.2.1. Health Risks.

2.2.1.1. Increased deaths due to extreme weather

2.2.1.2. Rising infection disease.

2.2.1.3. Mental Health

2.2.1.4. Respiratory and cardiovascular issues.

### 2.2.2. Sea level rise

2.2.2.1. Coastal Flooding (costal exosion)

2.2.2.2. Displacement of coastal Communities.

2.2.2.3. Economic losses.

### 2.2.3. Water scarcity

2.2.3.1. Increased water demand

2.2.3.2. Declining Groundwater levels

2.2.3.3. Reduced Freshwater

Availability.

2.2.3.4. Conflict over water Resources.



## 2.2.4. Floods

2.2.4.1. Loss of life

2.2.4.2. Damage of Infrastructure

2.2.4.3. Displacement of Peoples

2.2.4.4. Psychological and Social Impacts

## Introduction

The earth is experiencing a fever, with rising temperatures and increasingly erratic weather patterns, a stark reminder of the urgency to address climate change, not only just Pakistan the entire world is affected by climate change. "Scientific evidence shows that human activity has increased global temperatures by  $1.2^{\circ}\text{C}$  since the industrial revolution, pushing earth's systems towards dangerous tipping points. World should needs to focus on it. unfortunately, Pakistan is also one of the countries most affected by climate change. The causes of the climate change are deforestation, growing population, burning of fossil fuels. These human activities lead us toward climate change. And the consequences are

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very bad in back, just like, water scarcity, sea level rises, health risks and food issues. Pakistan's government should need to address the causes and consequences of climate change through Environmental Protection Agency (EPA), and overcome on these issues.