

Name

Sabina

Assignment

English Essay

Topic:

Climate Change in Pakistan: Causes And Consequences

Brainstorming

Causes of Climate Change

Natural Causes

- 1- Changes in Monsoon
- 2- Melting of Glaciers
- 3- Changes in Solar rays
- 4- Volcanic Eruption
- 5- Earthquakes
- 6- Seasonal Temperature
- 7- Extremes

Human Causes

- 1- Emission of green-house gases
- 2- Agriculture
- 3- Deforestation
- 4- Transport
- 5- Urbanisation
- 6- Water management
- 7- Governance Gap

Consequences:

1. Environmental Consequences

- Glacier melting
- Flooding
- Rise in sea level
- Drought
- Loss of Biodiversity

2. Economic Consequences

- Agricultural losses
- Impact on Exports
- Damage to infrastructure
- Energy crisis
- Fisheries Decline

3. Social Consequences

- Climate Migration
- Health Problem
- Food Insecurity
- Water Scarcity
- Poverty Worsening

4. National Security Consequences

- Resource Conflict
- Border Pressures
- Economic Instability

5. International Consequences

- Climate Refugee Pressure
- Dependence on Foreign aid
- Stronger Role in Climate Diplomacy.

Introduction

In summer of 2022, Pakistan witnessed one of the worst disaster in history. The Indus River, swollen by record-breaking monsoon rains, burst its banks and swallowed entire towns. Within weeks, a third of the country lay under water. More than 33 million people were affected, thousands lost their lives, homes and loved ones and the economic damage reached nearly 30 billion dollars. This was not an isolated tragedy — it was a glimpse into the harsh reality of changing climate.

Pakistan contributes less than 1% to global green-house gas emissions, yet it stands among the ten most climate-vulnerable countries in the

world. Its diverse landscape — from towering northern glaciers to the sandy deserts of Sindh and Balochistan — makes it especially exposed to climate shocks. Melting ice, unexpected rains, rising sea level, deadly heatwaves, and prolonged droughts are becoming disturbingly common. These events are not just environmental problems, they threaten livelihoods, health, food security, and country's economic stability.

This essay examines both the human and natural causes behind climate change in Pakistan and wide-ranging consequences it brings. It also underscores the urgent need for practical, long term solutions to protect people and safeguard the nation's future.