

Essay Writing:

Climate Change in Pakistan Causes and Consequences

(Brainstorming)

Alteration in temperature & weather pattern.
• Heatwaves • Floods • Drought

Causes:

⇒ Heatwaves Causes

⇒ Rising sea levels Causes

⇒ Water Scarcity Causes

⇒ Collective & common Causes

• → Green ^{due to} house gases

• → Global melting etc.

• → Mismanagement

• → Deforestation

• → Population Change

Climate Change

- Rising Temperature
- Flooding
- Smog
- Agri cultural loss
- Livestock loss
- Disease ratio increase
- Psychological Impact
- Population displacement
- Life Style Changes
- Social Conflicts

Consequences

Environmental Impacts

⇒ Economic burden

⇒ Health related concerns

⇒ Social Consequences

Conclusion

Threats to national progress.

(Outlines)

1-Introduction

1.1 Attention grabber

1.2 General Statement

1.3 Thesis Statement: Climate Change is any natural or man-made occurring or event that is caused by green house gases emission, Change in water dynamics, Deforestation and public activities that can result in Environmental, health related, economic and social impacts on large scale.

2-Causes of Climate Change

2.1 Causes of Extreme temperature:

• Green house gases emission

- Burning of fuel
- Handling waste
- Refrigeration & cooling
- Industrialization
- Transportation

• Irresponsible citizenship

2.2 Causes of Rising sea levels and flooding:

- Glacial melting
- Thermal expansion of ocean
- Water mismanagement
- Loss of mangrove forest

2.3 Causes of water scarcity:

- Inadequate water infrastructure
- Water pollution
- Enhanced consumption and wastage

2.4 Collective Causes:

- Deforestation
- Population growth
- Geographical location
- Lack of Community Participation in management.

3. Consequences of Climate Change

3.1 Environmental alterations:

- Rising Temperature / Heatwaves
- Flooding
- Droughts
- Smog

3.2 Economic burden:

- Agricultural loss
- Livestock loss
- Budget utilization.

3.3 Health related concerns:

- Increased disease ratio
- Psychological impacts
- Poor nutrition and Food / Malnutrition.

3.4 Social impacts:

- Forced displacement
- Life style Changes
- Climate induced Conflicts.

4. Recommendations

5. Conclusion

Essay

Imagine waking up to a world where Summers scorch at 50°C , seas swallow entire cities and clean drinking water become more valuable than gold. The future is closer than we think. (IPCC six assessment report 2022). Today this warning resonates with Pakistan, a nation that ranks among the most vulnerable countries to climate change (World Bank, 2022).

On the day of April 7, 2010, an avalanche smashed, burying 135 soldiers and civilians under it in Siachin, and effected overall 20 million people, killed nearly 2000 with economic loss of \$ 10 billion. In 2015 Karachi heatwave killed more than 1200 people due to

temperature exceeding 45°C (WHO, 2015). Common causes that contribute to these catastrophic events are emission of green house gases, irresponsible citizenship, glacial melting, water mismanagement, Enhanced consumption and wastage of water, Deforestation, population explosion and lack of community participation in management approaches that results in environmental, health related, economical and social impacts on large scale.

Addressing this crisis is not matter of choice but of survival. Therefore understanding causes, impacts and solution for climate change in Pakistan are necessary for sustainable and resilient future of nation.