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ESSAY

Climate Change in Pakistan: Causes, Mitigation and Adaptation

Outline

1 Introduction

a. Hook

b. Background

c. Thesis Statement

This essay argues that climate change has severe environmental, economic and social consequences, demanding urgent mitigation and adaptation strategies to protect vulnerable populations and ensure sustainable development.

2

Causes of Global Warming and Climate Change

- a. Human Activities
- b. Natural Factors
- c. Green house gases

3

Effects of Global Warming and Climate Change

- a. Environmental Effects
- b. Economic Effects
- c. Social Effects

4

Mitigation and Adaptation Strategies

A. Mitigation Strategies

- a. Reduction of greenhouse gas

Emissions.

b.

Renewable energy.

c.

Energy Conservation

B. Adaptation Strategies

a.

Building resilience

b.

Early warning systems

c.

Sustainable agriculture.

C Role of international

Community in Addressing

Climate change in Pakistan

a.

Support for climate change adaptation and mitigation efforts.

b.

Technology transfer and Capacity building

c.

Financial Support for climate action.

5 Conclusion

The Essay

Can we afford to ignore the devastation unfolding around us, as our planet heats up, rivers are overloaded and immense pressure, and storms wreak havoc across regions?

In 2025, a tragic flood in Swat claimed the lives of an entire family who went on a picnic, with authorities unable to rescue them in time. Such extreme events increasingly frequent due to climate change highlight how vulnerable communities are being pushed to the edge. Climate change

largely driven by human activities such as deforestation, industrial emissions and unsustainable consumption, poses unprecedented risks to both nature and humanity.

Developing countries like Pakistan are particularly at risk, facing floods, heatwaves and food insecurity. This essay argues that climate change has severe environmental, economic, and social consequences demanding urgent mitigation and adaptation strategies to protect vulnerable populations and ensure sustainable development.