

# CLIMATE CHANGE POSES

## EXISTENTIAL THREAT TO PAKISTAN

### OUTLINE

#### Thesis Statement

Climate Change is a threat to Pakistan. The catastroph included unpredictable heavy rainfalls, floods, dessertification, strong tornadoes, melting ice caps and spread of diseases. An addition to this, receding of Himalayan glacier's likely impact on indus river system flows. However, these threats can be lessen by mitigation and adaption methods.

#### 1 Introduction

- Is Pakistan's climate really changing?
- Evidence of climate changes
- Climate changes and its effects on the environment.

#### 2 Climate-Change Could Stroke Conflict

#### 3 What are the Causes of climate change

in Pakistan?

A: Man-made Causes

- i: Deforestation
- ii: Greenhouse gases
- iii: Rapid Urbanization

Strains resources and causes environmental dehydration.

iv: Agricultural burning after harvest adds to environmental concerns.

B: Natural Causes

i: Large volcanic eruptions can influence climate.

ii: Natural Greenhouse Gases like methane and carbon dioxide affect climate.

iii: Changes in solar radiation can influence the earth's climate.

C: Economic Causes

- i: Industrial Revolution
- ii: Agricultural Revolution included pesticides, fertilizers etc influenced climate change.
- iii: Reducing Greenland.

4 HAZARDS OF CLIMATE CHANGE

- i: Water scarcity

ii: climate change contributes to more frequent extreme weather events.

iii: Change in temperature and precipitation can affect crops and agricultural productivity.

iv: Excessive flooding.

v: Security threat to Pakistan.

## 5: PAKISTAN Response to it

i) Green-Pakistan cabinet Committee.

ii: Member of UN climate change policy.

## 6: What if we fail

i: Continue to destroy our environment.

ii: will make the Pakistan uninhabitable.

## 7 Conclusion

## Essay

Climate change has become the greatest threat for the people worldwide. Scientific research has made it clear that climate change is fast happening around the globe. Meanwhile Pakistan is highly vulnerable to the impacts of climate change due to its geographic location, socio-economic factors and limited capacity to adapt to changing climatic conditions. Pakistan is ranked as the 8<sup>th</sup> most vulnerable country due to climate change according to "Global Climate Risk Index 2021". Climate change has effected Pakistan economically as well. Pakistan has suffered an economic loss of about \$379 due to over 150 extreme weather events during the last couple of decades according to the global climate index report. These all problems are human-induced. The leading causes of climate change induced burning fossil fuels, cutting down forest, farming livestock, industrialization increasing influencing the climate and the earth's temperature. This increases greenhouse effect and

and global warming. Ultimately, these activities affected the environment. According to "global climate index report 2021" the climate related challenges leads to water stress, desertification, glacier melting, extreme weather events and spread of diseases. Women and children are 14 times more likely to die during a climate induced disaster. According to the UNDP.

To summarise, this essay will discuss that how climate change is threat to Pakistan, its causes and impacts. Pakistan response to it, what more needed to be done and consequences if we fail.