

CLIMATE CHANGE  
IN  
PAKISTAN  
CAUSES AND CONSEQUENCES

1. Introduction

(a) What is climate change and how it is impacting different regions of world and specially Pakistan?

2. Thesis statement:- Tropical

regions of the world

including Pakistan are

facing extreme weather

conditions that are

resulting in severe natural

hazards. Pakistan is one of

the most worst hit

country.

## 2. How susceptible is Pakistan due to climate change?

- (a) Pakistan is one of top ten countries where climate change has effected the most.
- (b) Pakistan has been hitted by number of natural disasters.
- (c) Pakistan put very short amount of Greenhouse gases.
- (d) Pakistan's location on Earth plays vital role in climate change.

## 3. Climate change and natural disasters

- (a) Both are interlinked with one-another.
- (b) Weather changes create high risk of natural

disasters.

- (c) Natural disasters effects the people and whole environment badly.

#### 4. Causes of Climate Change

- (a) A range of human activities.
- (b) Global warming
- (c) Burning of fossil fuels.
- (d) Deforestation
- (e) Increase in use of chemicals in domestic and agriculture life
- (f) Industrialization.
- (g) ~~weather conditions and natural~~ hazards.

#### 5. Consequences

- (a) Rise in temperature
- (b) Impacts on natural environment.
- (c) Different weather conditions
- (d) Rise in natural Hazards.

### (e) Effect on natural resources

(a) wild life is badly effected

(b) Temperature

(c) Health of people

(d) Sources of fresh water.

### 6. Conclusion

(a) Government should take steps to control

(b) Aware people from the damaging effects

(c) Planning, development and implementing policies.

Climate change refers to the marked changes in the climate of a particular area, region, or a country. Climate change has impacted Pakistan significantly.

It lead to various environmental, social and economic challenges to Pakistan. Climate change is causing the temperature to rise. It has effected almost all parts of the world. Specially the tropical regions of the world including Pakistan are hit by climate change very rapidly. Pakistan is one of the top ten countries, which is effected by the climate change. It is because Pakistan is located in South Asia. This is the region which has been hitted the most. This part of world is

sensitive to climate changes.

In the past few years, Pakistan has been hit by a number of natural disasters. It made it harder to adjust in new situations. This include long term droughts, floods, melting of glaciers, earthquakes and snow and ice.

Pakistan's food supply, energy security, natural resources are in very bad shape. Pakistan is using fossil fuels and other man made green house gases. Pakistan put a very short amount of Greenhouse gases

that is the main cause of climate change when the climate changes to some extent, there is a great risk of natural disasters. Some of natural disasters are Flood, Drought, waves of heat, pollution, Earthquake and rise in sea level.

There have been more floods in Pakistan in last few years. The areas of Punjab are mostly affected by floods. It happens at the end of monsoon season. Floods

completely destroy the economy, agriculture

of Pakistan. Drought is the most common natural hazard that Pakistan is facing. The people of Thar Desert are suffering from a bad drought that has led to famine. Heat waves are also affecting food safety and food security, agriculture, planting seasons are badly affected by heat waves. Weather patterns change the climate that cause natural disaster. If not only affect the environment but also people.

The main cause of



Climate change is human activities. Pakistan is grappling with the profound impacts of human activities on weather patterns. Humans impact the physical environment in many ways. Like over population, pollution, etc. The

another main cause of climate change is global warming. It is the result of various factors including activities of humans being. Changes like these have triggered climate change. When fossil fuels are burned they release large amount of  $\text{CO}_2$  a

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Green house gas into  
air - Green-house  
gases trap heat in  
our atmosphere, causing  
global warming.

Another cause is the  
loss of trees and  
other vegetation can  
cause climate change.

It also cause desertification  
soil erosion, fewer  
crops, flooding, and  
a host of problems  
for indigenous people.

The climate change  
impacts are linked to  
increased primary  
release of hazardous  
chemicals - Toxic chemicals  
not only impact  
environment but  
also human health.

Rapid industrialization, fossil fuel use, plastic use and deforestation worsen the situation. Pakistan's population suffers more from climate change despite contributing less than 1% to global greenhouse gas.

Climate change cause

Serious consequences in

future. The average

increase in apparent air

temperature in Pakistan

is 3°C. Pakistan experiences

a clear shift in heat

index pattern. Changes

in temperature cause changes

in rainfall. This results

more severe and

frequent storms. They

cause flooding and

land slides. This  
badly impacts the  
economy as well  
as community of  
Pakistan. more frequent  
and intense drought,  
storms, heat waves,  
rising sea levels, melting  
glaciers can directly  
harm animals, destroy  
the places we live.

Government should  
take precautions to  
further stop the climate  
patterns. It should  
aware people that  
how dangerous it  
could be. Government  
need planning and  
further measurements  
to stop the

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changes in environment.

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