

Topic:

Climate changes in Pakistan:  
Its causes and consequences:

Brainstorm:

Climate change,

Causes:

Effects:

→ GHGs (Green house gases)

→ Ozone depletion,  
Damage crops,

→ Air pollution

→ Skin cancer, eye damage  
as result of ozone.

→ CFCs (Chloro fluoro carbons)

Increase earth temp

→ Emission of sulphur & nitrogen dioxides

Acid rain which  
damage crops & buildings

→ Release of harmful gases from automobile vehicle & industries.

→ Air pollution & cause  
of smog & fog.

→ Excessive use of fertilizers.

Land pollution.

## Outlines:

### 1- Introduction:

- 1- Attention Grabber / Hook
- 2- General statement
- 3- Thesis.

### 2- Main Body:

#### Causes of Climate Change in Pakistan:

#### 1- Green House Gas.

- a- Emission
  - i) Green house Gases
  - ii) Emission.
- b- Sources?
  - i) Emission.
- c- Impact of CO<sub>2</sub>.

#### 2- Chloroflourocarbons.

- a- Sources of emission

#### 3- Emission of sulphur & nitrogen dioxide:

- a- sources of their emission
- b- Through automobiles
- c- Through Industries.

#### 4- Excessive use of fertilizers

- a- uses of nitrogen
- b- uses of sulphur.

c- Pesticides uses.

5- Release of harmful gases from Industries:

a- Air pollution ✓

b- Smog X

## Effects of Climate change in Pakistan:

1- Ozone depletion

a- Damages crops & cause

skin cancer, GHE, Global warming.

2- CFC's

(a) Increase Earth temperature

3- Emissions of  $\text{NO}_2$  &  $\text{SO}_2$

(a) Acid rain

4- Excessive use of Fertilizers.

a) Contaminates the soil

b) kills the microorganisms.

5- Release of harmful gases from Industries.

a) smog

b) fog

} ?

### 3- Conclusion:

a) Thesis

b) Concluding thoughts.

## Climate Change in Pakistan: Its Causes and Consequences.

"Rising seas, extreme heat, Vanishing species. Our planet is in crisis."

Will you be part of the solution or part of the problem?" Climate Change is neither a new issue nor is it a fully settled one. Developed countries are dealing with it successfully. Whereas, underdeveloped/developing countries are still struggling. Unfortunately, Pakistan is one of them. The main causes behind the climate change in Pakistan are emission of Green house gases, chlorofluorocarbons, SO<sub>2</sub> and NO<sub>2</sub> emission, excessive use

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M T W T F S

of fertilizers and release of harmful gases from industries. The consequences of climate change are ozone depletion, global warming, excessive heat, acid rain, contamination of soil and air pollution and smog.