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Climate Change In Pakistan: Causes and consequences

Brainstorm

Rise in temperature (global warming)

- ↳ Glacier melting
- ↳ Fresh water crystals
- ↳ Human life loss and health risks
- ↳ Aquatic life loss

Fossil fuel burning

- ↳ Burning of petrol and oil
- ↳ Combustion of coal
- ↳ Combustion of woods
- ↳ Combustion of gases

Changing weather patterns:

- ↳ Droughts
- ↳ Floods
- ↳ Abrupt rain cycle
- ↳ Tsunami and hurricanes

Topic

Waste from waste

- ↳ Organic waste
- ↳ Plastic waste
- ↳ Electronic waste
- ↳ Misc wastes (construction, etc)

Food security:

- ↳ Agriculture and livestock loss
- ↳ Grain storage loss
- ↳ Pest & diseases increase and crop damage
- ↳ ~~Increased~~ food damage due to weather pattern

Rapid urbanization

- ↳ Industrialization
- ↳ Waste disposal sites
- ↳ Transportation increase
- ↳ Removal of trees per urban centres

Universal consequences:

Ozone layer depletion:

- ↳ Carbonization
- ↳ CFC increases
- ↳ Greenhouse gases
- ↳ Nitrous oxide

Environmental impacts

Greenhouse effect

Deforestation:

- ↳ For agricultural land
- ↳ For domestic energy
- ↳ For building homes
- ↳ For construction of dams

Outline

1. Introduction

1.1 Hook

1.2 Background information

1.3 Thesis statement:

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Climate change in Pakistan, mainly driven by global emitters, is primarily caused by human activities such as burning of fossil fuels, emissions from wastes, rapid urbanizations, and deforestation, leading to severe consequences like rise in temperature, changes in weather patterns, risks to food security and ^{harsh} environmental impacts.

2. Causes of Climate Change:

2.1 Burning of fossil fuels:

2.1.1 Oil and petrol

2.1.2 Gas

2.1.3 Coal

2.1.4 Woods

2.2 Emissions from wastes:

2.2.1 organic wastes

2.2.2 Plastic wastes

2.2.3 Electronic wastes

2.2.4 Miscellaneous wastes

2.3 Rapid urbanization:

2.3.1 rapid industrialization

2.3.2 increase in waste disposal sites

2.3.3 boom in transportation

2.3.4 addition in overall carbon-
-ization

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2.4 Deforestation:

2.4.1 Cutting trees for energy

2.4.2 Cutting trees for city's expansion

2.4.3 Cutting trees for agricultural land

2.4.4 Cutting trees for construction of dams

3. Consequences of Climate Change:

3.1 Rise in temperature:

3.1.1 Glacier Melting

3.1.2 Fresh water crisis

3.1.3 Increased health hazards

3.1.4 Human and bio-diversity loss

3.2 Changing weather patterns:

3.2.1 Droughts

3.2.2 Floods

3.2.3 Abrupt rain cycle

3.2.4 Tsunami and tornadoes

3.3 Threat to food security:

3.3.1 Agricultural loss

3.3.2 Livestock loss

3.3.3 Grain storage loss

3.3.4 Pests and crop damage

3.4 Environmental impacts:

3.4.1 Ozone layer depletion

3.4.2 Green House Effect

4. Conclusion:

4.1 Thesis restatement:

4.2 Concluding thoughts

The Essay

Polar bear, once known for his arctic strength, is now striving for hunting place. The climate change has adversely impacted the earth. Among the top world affectees of climate change, Pakistan stands out due to its unique relation.

Despite the fact that the contribution of Pakistan in climate change is negligible but when it comes to the consequences of climate change Pakistan bears the brunt in lieu of major global emitters. The causes of climate change are same across the world with major ones as following: burning of fossil fuels and emissions from wastes. Moreover, rapid urbanization further speeds up the process of contribution into climate change. Finally, deforestation worsens an already difficult situation.

Due to above mentioned-man made-causes the consequences are worst than one could expect. With the most popular one as rise in temperature. The changing weather patterns and

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and threat to food security are worth mentioning. Last and important consequence of climate change is the ~~envir~~ deadly environmental impacts.

Here, the question is are the consequences of climate change are surmountable? Yes, through identification of underlying causes and consequences a pragmatic way forward can be designed. This essay, however, only highlights the causes and consequences of climate change in the back drop of Pakistan, ~~as~~ with causes as burning of fossil fuels, emissions from wastes, rapid urbanization, and deforestation and consequences as ~~R~~ rise in temperature, changing weather pattern, threat to food security and environmental impacts.

(Intro: 244 words)