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CLIMATE CHANGE: CAUSES AND CONSEQUENCES

Brainstorm

Deforestation, green house gas emission, urbanization, global warming, pollution → Disasters, glaciers melting, food water crisis, youth Trauma.

Outline

1- Introduction

1.1. Hook

1.2. Background

1.3. Thesis Statement: The main causes of climate change are deforestation, green house gas emission, urbanization, global warming, ~~psychological and generational~~ ~~pollution~~ ~~leading to natural~~ disasters, glaciers melting, food crisis, water scarcity, psychological and Generational Trauma.

2- Root causes of Climate change

2.1 Deforestation

2.1.1. Loss of Carbon Sinks

2.1.2. Biodiversity Destruction

2.1.3. Land use change

2.2 Green House Gas Emission

2.2.1. Fossil Fuel Combustion

2.2.2. Carbon dioxide, methane, nitrous oxide

2.2.3. ~~As a result of~~ ~~emissions~~ ~~from~~ Industrial Emissions.

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2.3 Urbanization

2.3.1 Infrastructure Expansion

2.3.2 Energy intensive lifestyles

2.4 Global Warming

2.4.1 Rising average temperature

2.4.2 Ocean warming

2.5 Pollution

2.5.1 Plastic waste

2.5.2 Industrial discharge

2.5.3 water contamination

2.5.4 Air pollution

3. Consequences leading to Climate change

3.1 Natural Disasters.

3.1.1 Floods

3.1.2 Hurricanes and cyclones

3.1.3 Heatwaves

3.1.4 Droughts

3.1.5 wildfires.

3.2 Glaciers Melting

3.2.1 Melting of polar ice caps

3.2.2 Himalayan glacier retreat

3.2.3 Indus River dependency.

3.3 Food Crisis

3.3.1 Crop failure

3.3.2 Reduce yields

3.3.3 Supply chain disruptions.

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3.4 Water Scarcity

3.4.1 Shrinking fresh water reserves

3.4.2 Drought conditions

3.4.3 Transboundary water tensions

3.5 Psychological and Generational Trauma

4. Recommendations

5. Conclusions

THE ESSAY

"This is all wrong. I shouldn't be up here. I should be back in school on the other side of the ocean. Yet you all come to us young people for hope. How dare you! You have stolen my dreams and my childhood with your empty words. And yet I'm one of the lucky ones. People are suffering. People are dying. Entire ecosystems are collapsing. We are in the beginning of mass extinction, ~~and~~ ~~are~~ and all you can talk about is money and fairy tales of eternal economic growth. How dare you!"

These powerful words of climate activist Greta Thunberg reflect the frustration of an entire generation facing the devastating reality of climate change. Her speech is not merely an emotional outburst; it is an alarm bell for humanity. ~~The main causes ordered directly~~ ~~cause~~ Climate change is not merely an environmental disturbance but the cumulative outcome of centuries of industrial expansion that prioritized growth over sustainability. Developed nations are coping up with this in a great manner but on the other side developing nations are struggling

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with this. Unfortunately Pakistan is one of them. The main causes behind the climate change are deforestation, green house gas emission, urbanization, global warming, pollution leading to natural disasters, glaciers melting, food crisis, water scarcity and psychological and generational trauma. These problems of climate change has not descended from heaven it is man-made and only strong will and determination is need to address this issue.