

Essay

Climate Change in Pakistan; Causes and Consequences

Brainstorm

Climate Change

Causes

- Cutting down of trees (deforestation)
- Pollution from vehicles and factories
- Overuse of water resources
- Excessive use of coal, oil and gas (Fossil fuels)
- Overpopulation

Consequences

- Extreme heat-waves.
- Heavy rains and floods
- Decrease in crop production
- water storage
- Health problems and diseases

Outline

1 Introduction:

1.1 . Hook

1.2. General Statements

1.3. Thesis Statements: Climate Change is a serious ~~caused~~ global issued caused mainly by human activities, and it has dangerous effects on the environment, health, and economy.

2 Causes of Climate Change

2.1. Cutting down of trees deforestation

2.1.1 Loss of Forest Cover

2.1.2 Increase in Greenhouse Gases

2.1.3 Disturbance in Rainfall
patterns

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2.2. Pollution from vehicles and factories

2.2.1 Emission of Harmful Gases

2.2.2 Air Quality : Deterioration

2.2.3 Damage to Environment

2.3. Over~~use~~^{use} of water resources

2.3.1 Wastage in Agriculture

2.3.2 Household overuse

2.3.3 Industrial Misuse

2.4. Excessive Use of Coal, oil and gas

2.4.1 Burning Fossil Fuels for electricity

2.4.2 Fuel consumption in Transportation

2.4.3 Industrial Dependency on Fossil

2.4.4 Domestic use of Gas and oil

2.5. Overpopulation

2.5.1 Increased Demand for resources

2.5.2 Deforestation for Housing

2.5.3 Pressure on Health and Education

2.5.4 Rise in Pollution Levels

3 Consequence of Climate Change

3.1 Extreme Heatwaves

3.1.1 Crops damage

3.1.2 Water Shortages

3.1.3 Energy Demand Increases

3.2 Heavy Rains and Floods

3.2.1 Damage to Homes and Infrastructure

3.2.2 Loss of Lives and Livelihoods

3.2.3 Spread of Waterborne Diseases

3.2.4 Displacement of People

3.3 Decreases in Crop Production

3.3.1 Unpredictable Weather patterns

3.3.2 Soil Degradation

3.3.3 Water Scarcity for Irrigation

3.3.4 Increased pests and Diseases

3.4 Water Storage

3.4.1 Decreasing Rainfall

3.4.2 Overuse of Water Resources

3.4.3 Melting Glaciers

3.4.4 Poor Water Management

3.5 Health Problems and Diseases

3.5.1 Rise in Heat-Related Illnesses

3.5.2 Increase in Waterborne Diseases

3.5.3 Air pollution and Respiratory issues

3.5.4 Mental Health challenges

4 Conclusion

The Essay

"The truth is: the natural world is changing. And we are totally dependent on that world. It provides our food, water, and air.

It is the most precious thing we have, and we need to defend it"

"David Attenborough"

Climate change is one of the most pressing challenges Pakistan faces today. From rising temperatures to unpredictable rainfall, the country is experiencing severe environmental changes that threaten agriculture, water resources, and human health.

Pakistan, though a minor contributor to global greenhouse gas emissions, is among the most vulnerable nations to its impacts. Glacial melting in the north, increased floods, and prolonged droughts in Southern regions are just some of the signs. This growing crisis demands immediate attention and action at both the national and global levels. As renowned naturalist.