

Topic: Climate Change: Causes and Consequences.

Outline:

1. Introduction.

(a). Hook. ✓

(b). Background. ✓

(c). Thesis Statement: In the modern world, climate change has emerged as one of the most critical challenges due to human mismanagement: Deforestation, Overpopulation, Industrial Emissions, Agricultural Activities and Rapid Urbanization. However, which give rise to serious consequences: Public Health challenges, Economic Instability, Ocean Acidification, water scarcity and loss of Biodiversity.

2. Causes of Climate Change.

2.1 Deforestation And Land Degradation.

2.1.1 Massive cutting of Forests for agriculture and urban expansion.

2.1.2 Reduces natural carbon sinks.

2.1.3 Increases atmospheric Concentration of CO_2 .

2.2 Over Population.

- 2.2.1 Comparison of last two census of Pakistan.
- 2.2.2 Report of Pakistan Bureau of Statistics (PBS)

2.3 Industrial Emissions.

- 2.3.1 Factories emitting carbon dioxide, methane e.t.c.
- 2.3.2 Heavy reliance on Fossil-Fuel-based energy.
- 2.3.3 Accelerate atmospheric warming.

2.4 Agricultural Activities.

- 2.4.1 Used of nitrogen-based Fertilizers.
- 2.4.2 Methane emissions from livestock.
- 2.4.3 Contributes significantly to greenhouse gas Accumulation.

2.5 Rapid Urbanization.

- 2.5.1 Expansion of cities and infrastructure
- 2.5.2 Increase in energy consumption and vehicular emissions.
- 2.5.3 Intensifies heat absorption through concrete structures.

3. Consequences of Climate change.

3.1 Public Health Challenges.

3.1.1 spread of climate sensitive diseases.

3.1.2 Increase in heat related illness.

3.2 Economic Instability

3.2.1 Damage to infrastructure and livelihoods.

3.2.2 Increased disaster-management costs.

3.3 Ocean Acidification

3.3.1 Increased CO_2 absorption by Oceans.

3.3.2 Damages marine life and fisheries.

3.4 Water Scarcity

3.4.1 Glacial retreat and irregular precipitation.

3.4.2 Creates Freshwater shortage.

3.5 Loss of Biodiversity

3.5.1 Habitat destruction and climate stress.

3.5.2 Increased extinction of species.

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sentences

4. Conclusion.