

NAME

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BATCH: OB - 087

Topic: Climate change
Causes and Consequences

1. Introduction

Hook statement

Barack Obama, the former US President says on climate change, "we are the first generation to feel the impact of climate change and the last generation that can do something about it."

Thesis statement

The main causes of the climate change are deforestation, rapid urbanization and development, Intensive carbon emission, Intensive agricultural Practices and Population Pressure on natural resources which result in Rising global temperature, Accelerated glaciers melting, Food insecurity, Havoc weathers and Public health crisis.

2. Causes of climate change

i) Deforestation

- Acceleration of desertification
- Released stored carbon
- Disruption of global carbon cycle

ii) Rapid urbanization and development

- Increase in urban waste
- Alteration of local climate patterns
- Reduced climate resilience
- Increase in greenhouse gases emission

iii) Intensive Carbon emission

- Fossil fuels based energy system
- Cutting of trees
- Industrial Production Process
- Transport sector expansion

iv) Intensive agricultural Practices

- Excessive use of chemical fertilizers
- Deforestation for agricultural purposes
- Soil degradation
- High energy consumption in modern farming
- Loss/^{waste} of natural water due to old practices.

v) Increasing Population Pressure on natural resources

- Rising in the demand of energy and fossil fuels
- Exploitation of forests and land
- Increase in water consumption and stress on fresh water
- Increase in waste and pollution

3. Consequences of climate change

i) Rising in global temperature

- Record breaking heat waves and extreme temperature
- Threat to ecosystems
- Enhanced in greenhouse effect

ii) Accelerated glaciers melting

- Threat to freshwater supplies
- Increase in sea level
- Cause of floods
- Cause to change in mountain patterns

III) Food insecurity

- Loss of crops due to intensive floods
- Impact on livestock and fisheries
- Disruption of supply chains
- Reducing agricultural Productivity

iv) Havoc weather conditions

- Intensive and irregular rains Patterns
- Clouds bursting mechanism in different regions of world.
- Increasing irregular temperatures
- changing of global ecosystem Patterns

v) Public health crisis

- Increase in heat related illness
- Poor air quality
- waterborne disease and sanitation Problems
- Mental illness and stress
- spread in climate sensitive disease

4. Recommendations

5. Conclusion