

Climate change: Causes & Consequences

Brainstorm

Climate change

Causes

GHG gases (CO_2 , CH_4) (N_2O , Fluorinate)

Deforestation

Role of trees in CO_2 levels.

Industrial activities

Agricultural activities.

Waste management

Consequences

Rising T

Sea level rise

Human health.

Economic Impact

Agricultural Impact

Outline

1. Introduction

1.1: Hook / attention grabber.

1.2. General statement

1.3. Thesis statement.

2. Main body.

Causes of climate change.

2.1. Greenhouse gas emissions.

2.1.1. Carbon dioxide

2.1.2. Methane

2.1.3. Fluorinated gases.

2.2. Deforestation.

2.2.1. Role of trees in carbon absorption

2.2.2. Impact of ^{deforestation} CO_2 level.

2.3. Industrial activities

2.3.1. Emissions from manufacturing processes

2.3.2. Specific industries contributing emissions

2.4. Agricultural activities

2.4.1. Production of methane

2.4.2. Production of nitrous oxide from fertilizers

2.5. Waste management.

2.5.1. Methane emissions from landfills.

2.5.2. Inefficient waste management practices.

Consequences of climate change.

2.1. Rising Temperature.

2.1.1. Ecosystem disruption.

2.1.2. Increased mortality rates.

2.2. Sea level rise

2.2.1. Coastal flooding and erosion

2.2.2. Displacement of communities.

2.3. Agricultural Impact.

2.3.1. Change in crop yield.

2.3.2. Food security and prices.

2.4. Economic Impact.

2.4.1. Costs of damage and adaptation

2.4.2. Strain on economies.

2.5. Human Health.

2.5.1. Heat related illness

2.5.2. Spread of diseases.

3. Conclusion.

- 3.1. Summary of essay.
- 3.2. Attention grabber.

Essay.

According to Barack Obama we are the first generation to feel the effect of climate change and the last generation who can do something about it. Climate change is long term change in average weather patterns that have come to define Earth's local, regional and global climates. The major causes of climate change are emission of green houses gases, deforestation, industrial activities, agricultural activities and waste management. While the consequences of climate change are rising temperature, disruption of ecosystem, rise of sea level, coastal flooding and erosion, change in crop yield, agricultural impact, economic impact and also the major consequence of climate change is human health impact.