

Climate change: Causes and consequences.

Outline:

1- Introduction

a. Hook

b. Building sentences/Background

c. **Thesis Statement:** The climate of planet earth is changing and its causes include burning of fossil fuels, deforestation, rapid industrialization and harmful agricultural practices, smoke and fume of transportation, uncontrolled carbon emissions and over-population, which all have drastic consequences such as, glacier melting, rising sea levels, extreme weather conditions, rising food insecurity, air and land pollution, loss of biodiversity and increased health risks.

2- Causes behind climate change.

1- Burning of fossil fuels

a. use of coal, oil, gas in energy production

2- Augmenting deforestation

a. Cutting of Amazon trees and plants

b. Cutting of forests and trees due to urbanization

3- Rapid Industrialization

a. ↓ Industrial waste
Hazardous

4- Harmful Agricultural practices

a. Green house gases present in ruminants

b. Nitrous oxide from fertilizers.

5- Uncontrolled carbon emissions

a. Carbon emissions from developed world especially USA.

6. Smoke and fumes from transportation
 - a. Poisonous gases release from vehicles engines
1. Rise of population
 - a. More resource consumption and emission
 - b. Waste generation

3- Consequences of climate change:

1. Glacier melting at faster rates
 - a. Over past 20 years planet earth lost 5% of its ice.
2. Rising sea levels
 - a. Jakarta is sinking due to rising sea levels.
3. Extreme weather conditions
 - a. Heat waves
 - b. Floods
4. Surging food insecurity
 - a. Unpredictable weather conditions
 - b. Disrupting agricultural yield
5. Air and land pollution
 - a. Green house gases and carbon emissions in atmosphere
 - b. Soil degradation
6. Loss of Biodiversity
 - a. Loss of Amazon trees, coral reefs and wildlife
7. Increased Health risks
 - a. Outbreak of deadly diseases
 - b. Difficulty in breathing.

* Recommendations to somehow control climate change.

1. Awareness campaigns for general masses

a. Earth hour in Australia

2. Shift to Green initiatives

b. European green deal to cut emissions by 50%.

5 Conclusion