

## Outlines: 1 - Introduction

1.1 Hook

1.2 Supporting Sentences

1.3 Thesis Statement: There is an urgent need to understand causes and consequences of climate change to address the climate crises. The major causes of global climate change include industrialization, green house gases emissions, and Deforestation. These human activities pose drastic threats to natural world, social groups, and to business. Through sustainable practices, these problems can be solved.

A → Causes

## 2 - Industrialization

2.1 - Generating Power

2.2 Manufacturing goods

2.3 Burning coal; oil and gas

2.4 Constructing Power Buildings

### 3- Emission of Green House Gases

3.1- Use of technology having fluorinated gases

3.2- Fertilizers containing nitrogen

3.3- Increasing Livestock Farming

3.4- Building roads and highways that require significant amount of energy

### 4- Deforestation

4.1 Population explosion

4.2 Urbanization

4.3 Industrialization

4.4 Clearing forests for agricultural purposes

### B- Consequences

5- Effects on Natural World

5.1 Drought and Wildfires

5.2 Floods

5.3 Loss of Biodiversity

5.4 Sea-level is increasing

6- Effects on Social Groups

6.1 Health Problems

6.2 Population is becoming vulnerable

6.3 Causing Unemployment

6.4 Increasing Disparities

7- Effects on businesses

7.1- Destruction of Infrastructures and Buildings

7.2- Resource scarcity

7.3- Labour shortages

7.4- Increased Costs

8- Way Forward

8.1 Implementation of sustainable Practices

8.2 Transition to Renewable Energy

8.3 Innovation and Technology

8.4- Enhance Climate Resilience

9- Conclusion

## The Essay

The industrial revolution marked the beginning of unprecedented technological advancement. However, this 18<sup>th</sup> century's industrial revolution also initiated an era of environmental degradation that led human beings to the brink of a climate crisis today. Reliance on coal and other fossil fuels for energy, combined with deforestation and urbanization, began to change the Earth's environment. This shift from agrarian societies to industrial economies resulted in profound changes to land use and energy consumption. Ultimately, Global Climate <sup>has</sup> started changing, with drastic effects. There is an urgent need to understand causes and consequences of climate

Change to address the climate crises through sustainable practices. The ~~for~~ major causes of climate change include industrialization, green house gases emission, and Deforestation. The cumulative effect of above mentioned human activities has drastic impacts. ~~are~~ These are various threats to natural world, social groups, and to businesses.