

# **Climate Change: Causes and Consequences**

## **Outline of essay:**

### **1. Introduction:**

- 1.1 : Hook
- 1.2 : Background
- 1.3 : Thesis statement: Climatic changes occur because of both human based and natural causes, each of which result in severe environmental, agricultural, health, economic and sociopolitical impacts.

### **2. Human based causes of climate change:**

- 2.1: Burning fossil fuels
- 2.2: Deforestation
- 2.3: Transport vehicles
- 2.4: Decomposition of food waste
- 2.5: Use of chemical fertilizers
- 2.6: Livestock production
- 2.7: Industrial and fluorinated gas emission

### **3. Natural causes of climate change:**

- 3.1: Volcanic eruptions
- 3.2: Natural Forest fires
- 3.3: Naturally occurring greenhouse gases
- 3.4: Continental drifts
- 3.5: Solar variations

### **4. Consequences of climate change:**

- 4.1: Environmental impacts
  - 4.1.1: Melting glaciers
  - 4.1.2: Rising sea levels
  - 4.1.3: Extreme weather events
- 4.2: Agricultural impacts
  - 4.2.1: Crop failures
  - 4.2.2: Food insecurity
- 4.3: Impacts on Health
  - 4.3.1: Spread of diseases in human
  - 4.3.2: Spread of diseases in animals
- 4.4: Economic impacts

- 4.4.1: Damage to infrastructure
- 4.4.2: Increased disaster recovery cost

#### 4.5: Social and political impacts

- 4.5.1: Climatic Migrations may cause disputes over survival needs
- 4.5.2: Governance challenges

### 5. **Mitigation measures and adaptation strategies**

- 5.5.1: Mitigation: Energy transition, sustainable agriculture, afforestation
- 5.5.2: Adaptation strategies: infrastructure resilience, improve agriculture and food security, animal and public health protection, community preparedness

### 6. **Conclusion**