

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