

Topic: Climate Change: Causes and Consequences

• Outline

1) Introduction:

- Hook
- Back ground
- Thesis Statement: The contemporary era has witnessed consistent climate change because of human mismanagement: Over population, deforestation, nuclear leakages, Over dependence on non-renewable energy sources, Weak environmental policies and governance; however, which give rise to serious consequences: rise in global temperature, loss of biodiversity, public health challenges, threat to food security, Economic instability.

2) Causes of Climate change

2.1 Over Population

2.1.1 Comparison of last two census of Pakistan

2.1.2 Report of Pakistan Bureau of Statistics (PBS)

2.2) Deforestation

- 2.2.1 5% area contribute in 0.41% of GDP.
- 2.2.2 Deforestation is 10% of Global warming.
- 2.2.3 46-58 thousand ~~sq~~ square mile of forest land lost each year.

2.3) Nuclear Leakages

- 2.3.1 Chernobyl disaster of 1986
- 2.3.2 Nuclear leakage in Iran

2.4) Over dependence on non-renewable energy source

- 2.4.1 Limited use of renewable alternatives.
- 2.4.2 Continuous carbon intensive energy production.
- 2.4.3 Sustains long-term global warming trends.

2.5) Weak environmental policies and governance.

- 2.5.1 Lack of effective climate regulations
- 2.5.2 Poor enforcement of environmental laws.
- 2.5.3 Allows unchecked emissions and exploitation of resources.

3) Consequences of climate change

3.1 Rise in global temperature

3.1.1 Increase in average surface temperature.

3.1.2 Causes heat waves and climate instability.

3.2 loss of Biodiversity

3.2.1 Habitat destruction and climate stress.

3.2.2 Increased extinction of species.

3.3 Public health challenges

3.3.1 Spread of climate sensitive diseases.

3.3.2 Increase in heat-related illnesses.

3.4) Threat to food security

3.4.1 Changing rainfall patterns.

3.4.2 Reduced agricultural productivity.

3.5) Economic Instability

3.5.1 Damage to infrastructure and livelihoods.

3.5.2 Increased disaster management costs.

4) Conclusion.