

Friday

13-02-2026

Assignment no: 1

Climate Change: Causes and Consequences

Brain Storm.

Causes : Deforestation,

⇒ Deforestation - Lungs of Planet. Economic gains Population growth	Industrialization Urbanization Volcanization
⇒ Industrialization * Peoples demands * Development purposes * Economic gains	CO ₂ emission Green gases & fertilizers usage Ozone depletion
* <u>Consequences</u>	Global warming/boiling
⇒ Volcanization o Natural process o Produce smoke & dust * Heat up air & pollute it	Rise in sea levels Food & water crises Health hazards AQI increases floods & droughts Extreme weather conditions Psychological - Anxiety & depression, stress
⇒ CO ₂ emission. Vehicle usage/waste Industrial wastes Increase AQI warm/Heat up atmosphere	Global warming • Increase in the earth temperature due to human activities due to natural
⇒ Freon gases & fertilizers * Produ Used in electric appliances * Produces heat more " CO ₂ .	

Outline

1 Introduction

Hook

Background

Thesis statement: Climate is caused by the deforestation, urbanization, industrialization, GHGs emission, Use of freon gases and fertilizers, leading to the natural disasters glacier melting, global warming, floods and droughts, foods and water crisis, pollution, health hazards, Extreme weather conditions.

2 Causes of Climate Change

i Deforestation

a) Forests: Lungs of Earth

b) Population Growth

c) Economic gains

ii Urbanization

a) High energy consumption

b) Land use changes

c) GHGs emissions

iii Industrialization

a) Development purposes

b) Fulfil Demands of peoples

c) Economic gains

iv GHGs emission

a) Industrial wastes

b) Vehicular emission

c) Increase AQI

v Freon gases and Fertilizers

a. Agri usage

b. In Electric appliances

c. Produce heat more than CO_2 .

3 Consequences of Climate Change

i Glaciers melting

a. Ice melts in tons

b. More water flows to seas

ii Global warming

a. Rise in Earth's average temperature

b. Natural and Anthropogenic activities

iii Floods and droughts

a. Cloud bursts

b. Destroys crops

c. Infrastructure destruction

iv Food and Water crises

a. Polluted water

b. Food shortage

v Pollution

a. Water pollution

b. Land pollution

c.

vi Health hazards

a. Skin problems

b. Breathing problems

c. Anxiety and stress

The Essay

"The climate change is no longer some far-off problem, it is happening here, it is happening now." These words are of the former POTUS Barack Obama about the changing climate on the Earth. The threat of climate change is neither a new nor is it fully settled one. Developed nations are dealing with it successfully, whereas developing nations are still struggling with it. Unfortunately, Pakistan is also one of them. The average rise in sea level and global temperature by 100 mm and 1.5°C respectively. These conditions reflect the climate change and its consequences. The climate change is a threat caused by volcanization, deforestation, urbanization, industrialization, GHGs emissions, use of freon gases and fertilizers leading to glacier melting, global warming, pollution, food and water health hazards, floods and draughts, land sliding, rise in sea levels, extreme weather conditions, and lawlessness etc.