

Climate Change in Pakistan: Causes & Consequences:

OUTLINES:

1. Introduction:

- Hook
- General Statement
- Thesis Statement:
Pakistan is highly vulnerable to the impacts of climate change, with human-induced and natural factors such as floods, heat waves, fossil fuel consumption, which have far-reaching consequences for country's infrastructure.

2. CAUSES OF CLIMATE CHANGE IN PAKISTAN:

2.1 Green house Gas Emissions:

- Agriculture (43% of emissions)
- Energy (46% of emissions)

2.2 Industrial Revolution and Setting up Industries

2.3 Deforestation

- Case study 1 (2022 Floods)
- Case study 2 (Heat waves)

2.4 Rapid Population Growth And Urbanization

- Case study 1: Islamabad's Urbanization and Water Scarcity

2.5 Inadequate Infrastructure

- Urban Flooding
- Dam Construction
- Water management

3. CONSEQUENCES OF CLIMATE CHANGE IN PAKISTAN:

3.1 Intensity of Extreme Weather Impacts:

- Loss of lives and property
- Destruction of crops
- Case Study Heatwaves in 2015 and 2022

3.2 Devastating Floods

- Case Study 1: Flash Flooding in Northern Pakistan
- Case Study 2: Urban Flooding in Lahore, Pindi 2025

3.3 Health Impacts

- Water Borne Diseases
- Heat-Related Illness
- Respiratory problems

3.4 Effect On Economy:

- Case study : 2022 floods

3.5 Food Crises:

- Affects on Agriculture
- Rising Poverty due to food crises

3.6 Thawing Glaciers

Conclusion:

"Sustainability is no longer about doing less harm. It's about doing more good" Jochen Zeitz. Industrial emissions and chemicals are added into seas and fresh water reservoirs that poison the water. The temperature of planet on average has risen by more than 2-12 degree Fahrenheit since the end of last century. Climate change refers to the marked changes in the climate of particular area, region or country over a longer period. There are various

Reasons for climate crises
are but most notable
are anthropogenic activities.

Climate change effects
include rising temperature
of earth, melting of ice
and glaciers, warming
of oceans, frequent
wild fire, sea level rise,
deluge, floods and droughts.

To surmount the

devastating effects of
climate change, world
governments and non-governments
multilateral forums and
civil society must collectively
take action. So, climate

change has a diverse
effect all over the world
including Pakistan. In this
essay will discuss causes,
effects and major factors
of climate change. In
addition to consequences
according to context of Pakistan.