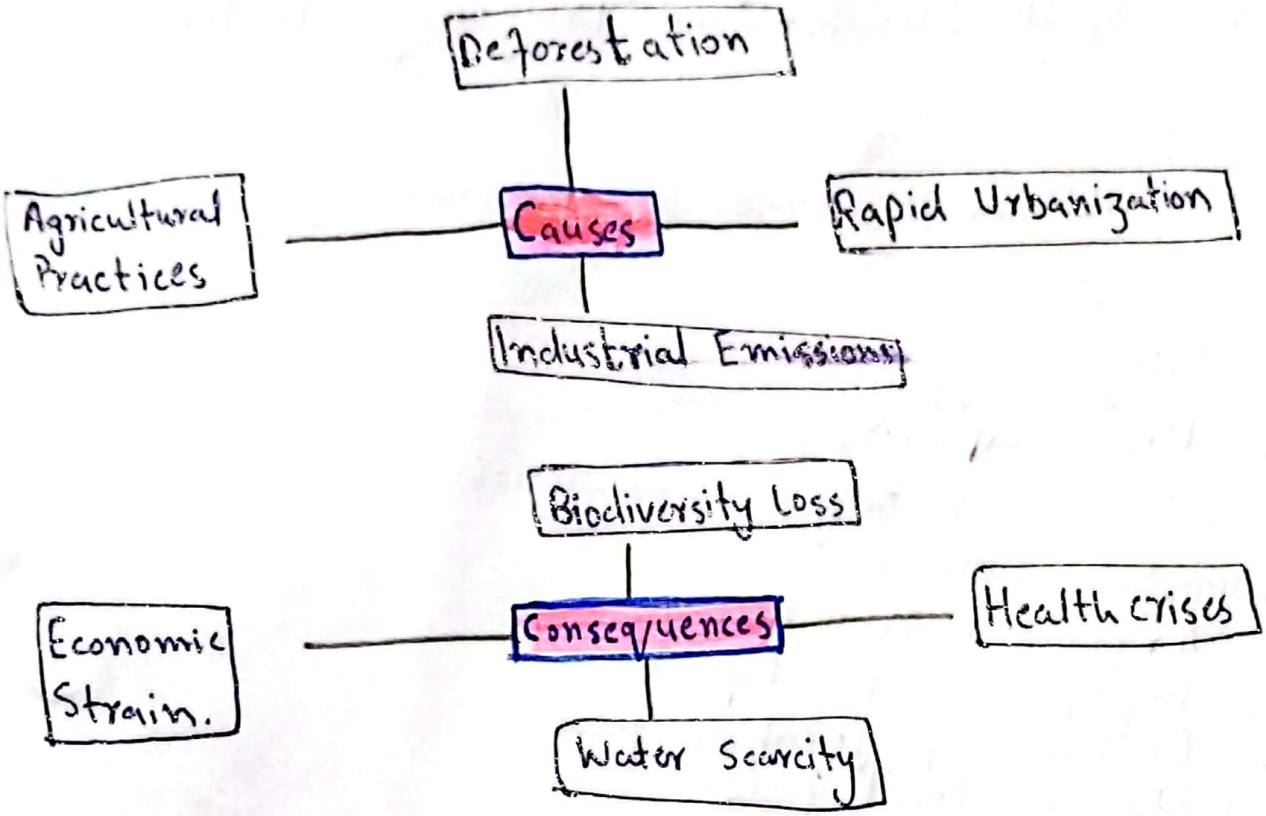
Climate change in Pakistan

Causes & Consequences



Outline

1. Introduction

1.1. Attention Grabber.

1.2. General Statement.

1.3. Thesis statement. : Climate change in Pakistan represents a critical intersection of environmental vulnerability and socio-economic fragility, driven by anthropogenic activit and global warming trends. As one of the world's most climate vulnerable nations, Pakistan faces escalatin threats from rapid industrialization, deforestation and agricultural practices reliant on methane-emitting process compounded by inadequate waste management and accelerating glacial melt in it's northern region. Thes factors have intensified the frequency and severity of climate induced disaster, exemplified by the

catastrophic 2022 floods that submerged a third of country, displaced 33 millions people and inflicted 30 Bns in economic losses. Simultaneously, rising temperatures evidenced by record-breaking heatwaves like Jacobabad 51°c in 2022 are exacerbating water scarcity, crippling agriculture - a sector central to 70% of livelihoods - and triggering health crises.

2. Main Body

Causes of climate change in Pakistan.

2.1 Deforestation

2.1.1 - Illegal logging.
2.1.2 - Urban expansion.
2.1.3 - Increased flooding and soil erosion.

2.2 Industrial Emissions

2.2.1 Air pollutants from factories.
2.2.2 Improper waste disposal
2.2.3 Emissions of greenhouse gases.
2.2.4 Use of fossil fuels.

2.3 Rapid Urbanization

2.3.1 Deforestation and loss of green spaces.
2.3.2 Urban heat island effect.
2.3.3 Strain on water resources.

2.4 Agricultural Practices

2.4.1 Lack of enforcement of environmental regulations

2.4.2

Consequences of climate change in Pakistan.

2.1. Biodiversity Loss:

2.1.1 Marine and freshwater biodiversity loss.
2.1.1. Species extinction and population declines

2.2 Water scarcity:

2.2.1. Erratic rainfall.
2.2.2. Reduced water storage capacity.
2.2.2. Inefficient irrigation and water loss.

2.3 Health Risks

2.3.1. Heatwaves and extreme weather.

2.3.2. Darrastic changes in ~~rain~~ rainfalls.

2.4. Economic Strain

2.4.1. Transportation infrastructure damage.

2.4.2. Energy infrastructure under climate Strains.

3. Conclusion

3.1). Thesis restated, summary of ideas presented.

3.2) Concluding thoughts.