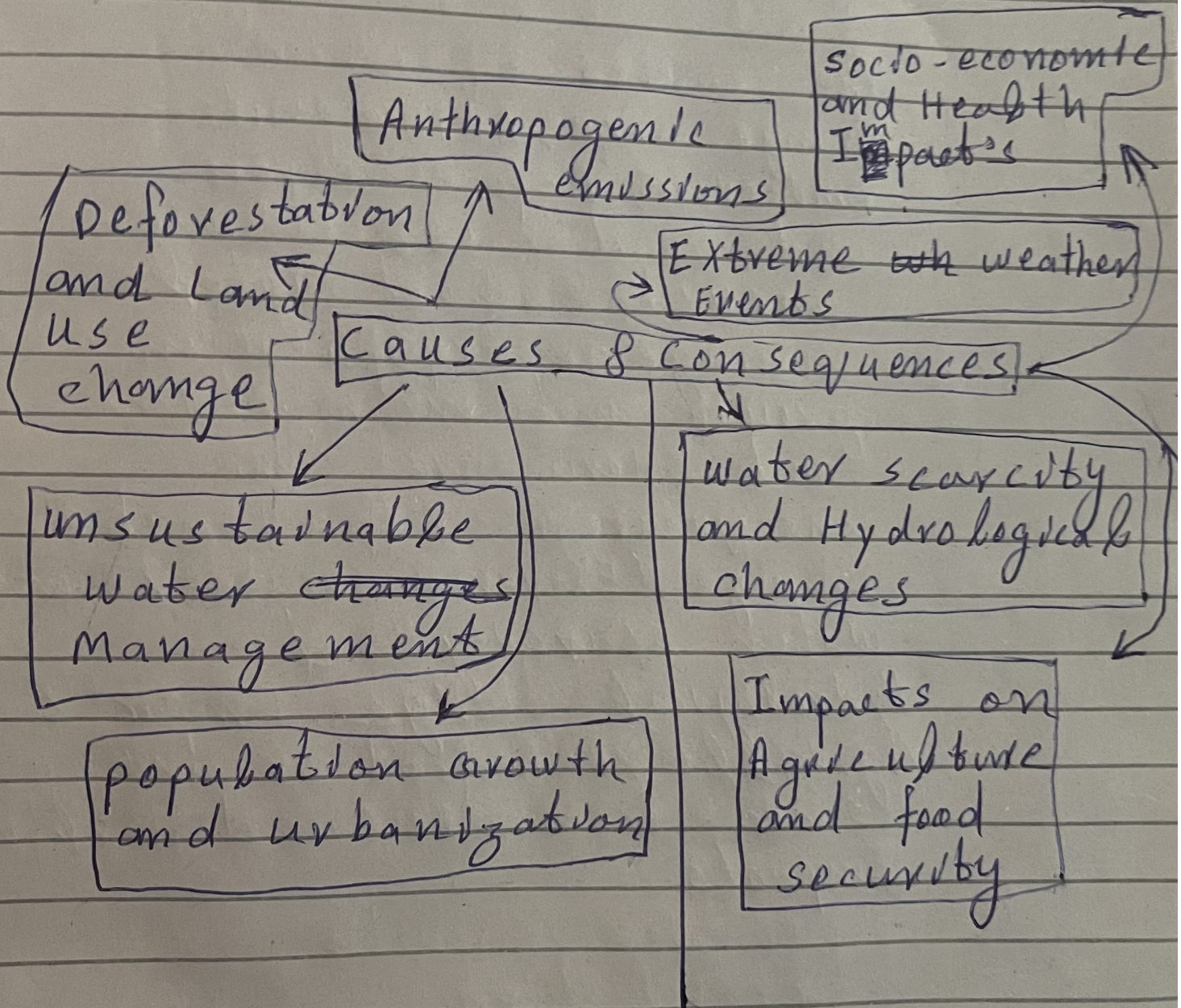


Name:- Ahmad Patel

climate change in pakistan causes & consequences

Brainstorm



1: Introduction:

1.1 Hook

1.2 General statement

1.3 Thesis statement: —

The causes of climate change are, Anthropogenic-Emissions, Deforestation and Land use change, unsustainable water management, population growth and urbanization and Here are some consequences of climate change, Extreme weather events, water scarcity and Hydrological changes, Impacts on Agriculture & food security, socio-economic and Health Impacts.

2 - Main Body: -

A - causes of climate change in Pakistan

2.1. Anthropogenic Emissions

2.1.1. Industrial Activities and manufacturing sector Emissions.

2.1.2. Energy production from fossil fuels.

2.1.3. Transportation sector Emissions

2.1.4. Agricultural practices

2.2. Deforestation and Land use change.

2.2.1. Illegal logging and timber Mafia Activities.

2.2.2. conversion of forests for Agriculture and Urbanization

2.2.3. Lack of Reforestation and Afforestation Initiatives.

2.2.4 Degradation of Natural Habitats and ecosystems

2.3 unsustainable water management.

2.3.1. Inefficient irrigation Techniques in Agriculture

2.3.2. over-extraction of ground water Resources

2.3.3 Lack of water storage Infrastructure and management

2.3.4 pollution of water Bodies from Industrial and Domestic waste.

2.4: population Growth and urbanization

2.4.1. Increased Demand for Energy and resources

2.4.2 Expansion of urban centers and Infrastructure Development.

2.4.3

poor waste management
and pollution in urban
Areas

2.4.4

Increased vulnerability
of urban populations
to climate Impacts.

B. consequences of climate
change in Pakistan

2.1. water scarcity
and Hydrological
changes.

2.1.1. Glaciers Melt and
Reduced River flows.

2.1.2. Increased Frequency
and Intensity of
Droughts

2.1.3. changes in rainfall
patterns and monsoon
variability.

2.1.4 Impact on Agriculture,
water supply, and
energy production.

2.2 Extreme weather Events

2.2.1 Increased Frequency & Intensity of Heat waves.

2.2.2 More Frequent and severe flooding events.

2.2.3 cyclonic Activity and coastal Erosion

2.2.4 Land slides and other Natural Disasters

2.3 Impacts on Agriculture and food security.

2.3.1 Reduced crop yields due to water stress and Temperature changes.

2.3.2 Increased pest and Disease outbreaks Affecting crops and livestock.

2.3.3 Loss of Agriculture Land due to flooding and salinization.

2.3.4 Threats to food security and Livelihoods of Farmers.

2.4 Socio-economic and Health Impacts.

2.4.1 Displacement and migration due climate-Related Disasters.

2.4.2 Increased poverty and Inequality.

2.4.3 Spread of water borne and Vector-borne Diseases

2.4.4 Impacts on public Health infrastructure and Resources.

3. conclusion:

3.1 ~~These~~ ~~are~~ concluding Thoughts.

The Essay

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Imagine a Land where Ancient glaciers, the lifeblood of its rivers, are now weeping tears of meltwater, where once predictable monsoons have become a torrent of devastation or a whisper of drought. This is Pakistan, a nation on a front line of a global crisis; climate change. From the smog-choked megacities to the parched farmland and the vulnerable coastal line communities, the fingerprints of rapidly warming planet are starkly visible. The causes behind climate change are Anthropogenic emissions, Deforestation and land use change, unsustainable water management, population growth and urbanization which trigger some serious consequences like Extreme weather events, water scarcity and hydrological changes, Impact's on Agriculture and food security, ~~and~~ socio-Economic and Health Impacts.

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if pakistan did not take
Immediate steps to tackle
the issue of climate change
then situation will be grim
because it's not just an
ordinary thing but it's a
matter of survival and
the future well being of its
people.