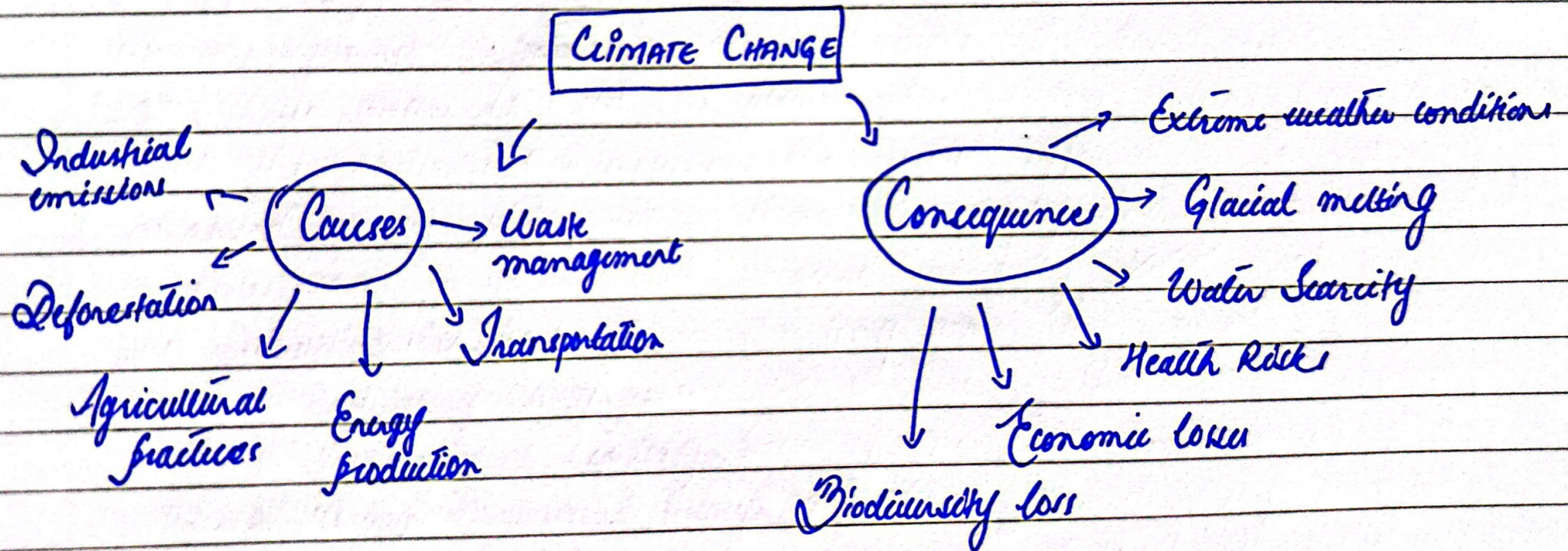


HADIA MUFTI
03 RWP-068

DATE			
DAY	MONTH	YEAR	

Climate Change in Pakistan: Causes and Consequences

Brainstorm



Outline

1. Introduction

- 1.1 Attention Grabber
- 1.2 Background Information
- 1.3 Thesis Statement

2. Main Body

a. Causes

2.1 Industrial Emissions

- 2.1.1 Regulatory Challenges
- 2.1.2 Technological Limitations
- 2.1.3 Urban Industrial Growth
- 2.1.4 Cleaner Production Barriers

2.2 Deforestation

- 2.2.1 Agricultural Expansion
- 2.2.2 Logging Practices
- 2.2.3 Urbanization Impact
- 2.2.4 Reforestation Efforts

2.3 Agricultural Practices

- 2.3.1 Crop Selection
- 2.3.2 Chemical usage
- 2.3.3 Pesticide Management
- 2.3.4 Irrigation Efficiency

2.4 Energy Production

- 2.4.1 Fossil Fuel Dependency
- 2.4.2 Renewable Energy Barriers
- 2.4.3 Inefficient power plants

2.5 Transportation

- 2.5.1 Vehicle Growth
- 2.5.2 Issues in Fuel Quality
- 2.5.3 Public Transport Deficiencies

2.6 Waste Management

2.6.1 Landfill Practices

2.6.2 Recycling Limitations

2.6.3 Methane Emissions

2.6.4 Waste-to-Energy Potential

6. Consequences

2.7 Extreme Weather Events

2.7.1 Monsoon Variability

2.7.2 Drought Incidence

2.7.3 Heatwave Frequency

2.8 Glacial Melting

2.8.1 Glacial Retreat

2.8.2 Flood Risks

2.8.3 Water Supply Impact

2.9 Water Scarcity

2.9.1 Groundwater Depletion

2.9.2 Infrastructure Strain

2.10 Agricultural Impact

2.10.1 Soil Health Decline

2.10.2 Pest and Disease Pressure

2.11 Health Risks

2.11.1 Heat Related Illnesses

2.11.2 Air Quality Concerns

2.11.3 Nutritional Challenges

2.12 Economic Losses

2.12.1 Infrastructure Damage

2.12.2 Tourism Decline

2.12.3 Disaster Response Costs

2.13 Biodiversity Loss

2.13.1 Habitat Destruction

2. Conclusion

DATE

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The Essay

"I want you to act as if the house is on fire, because it is ...", said a fifteen year old activist, Greta Thunberg, back in 2019. Such a short and simple statement, yet carries a weight the eight billion people can't even bear to hold, let alone the 247.5 million people of Pakistan - With the Industrial Revolution, the world appeared to be becoming an advanced, happy place where there were only mass productions and no other care in that world because nobody knew if there ever would be a tradeoff in the long run - And in all this ignorance, our house has actually been 'set on fire' - With the never ending industrial emissions, chopping down of the forests to the extent of a deforestation pandemic, using of such agricultural practices adding harmful chemicals to our environment, producing energy through ways impregnating the air with smoke, reducing distances with fast moving vehicles at the expense of health hazards, and destroying waste products through ways actually destroying the purity of the air our body needs to inhale and exhale; we have imposed upon ourselves a ~~own~~ curse we could have actually ditched had we acted a little earlier, but now consequences in the face of extreme weather conditions, glacial melting, water scarcity, agricultural downturn, health risks, economic losses, and biodiversity loss are hard to avoid, and for Pakistan to become a better place for the people to live, has to give itself tough time and devise measures that would ultimately retard the speed of the fast paced climate change - (words: 355)

Activity 1

Point: working in an apple plant is the worst job I ever had

Reason 1: The work was physically hard

a. Loaded cartons onto skids for ten hours a night

b. Twenty four pounds of bottled apple juice per carton which came down the back ramp

Reason 2 Meagre pay

a. Pay rate was \$3.65 an hour, with an additional quarter for a night shift

b. Had to work sixty hours for decent take-home pay

Reason 3 Sickening Working Conditions

a. Two ten minute breaks and an unpaid lunch

b. Worked in near-zero-degree conditions

c. Loneliness on job

(1). No interests in common with others

(2). By myself for two hours cleaning the apple vats.