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Batch 60

Water crisis in Pakistan: Cause & Effect

Consequences

Climate change

over population

Inadequate infrastructure

Cause:

Transboundary water issue.

Over extraction of ground water

Poor water management

Agriculture Decline

Health issues

Environmental Degradation

climate vulnerability

Social unrest

Economic impact

Brainstorming: Consequence

Outline: Water Crisis in Pakistan

• Introduction:

• HOOK:

General statement

Thesis: Pakistan is facing the problem of water crisis due to climate change, over population, inadequate infrastructure, Transboundary water issue, over extraction of ground water and poor water management which leads to severe consequences including agriculture decline, health issues, environmental degradation, climate vulnerability, social unrest and Economic impact.

Causes:

1- climate change

1.1: Altered weather patterns causing irregular rainfall and glacier melting.

1.2: Increased frequency of drought and flood.

2- Over-population:

2.1: leads to higher water demand.

3- Inadequate infrastructure:

3.1: Pakistan's water management infrastructure outdated and insufficient.

4- Transboundary water issue

4.1: Dispute with India over Indus river water sharing.

4.2: Indus water treaty constraints.

5- Over extraction of ground water.

6- Poor water management:

6.1: Insufficient use of water resources in agriculture.

6.2: Lack of modern irrigation techniques.

Consequences:

1- Agricultural Decline

1.1: Reduced crop yield, food insecurity.

2- Health issues:

2.1: Spread of waterborne diseases.

2.2: Lack of access to clean drinking water.

3- Environmental Degradation

3.1: Drying up of rivers & lakes.

3.2: Loss of biodiversity & ecosystem imbalance.

4- Climate vulnerability

4.1: Climate related impact such as

drought & flood making it harder for communities to adapt & recover.

5- Social unrest:

5.1: increased (Competition) competition over scarce of water resources leading to conflict

6- Economic impact.

6.1: Reduced agricultural output affecting GDP.

Introduction:

Thomas Fuller said "We never know the worth of water till the well is dry". Water is essential for any country. Neither a nation nor a person can live without it. Unfortunately, Pakistan is facing a serious water crisis due to climate change, over-population, inadequate infrastructure, Transboundary water issue, over extraction of ground water and poor water management which leads to severe water crisis consequences including agricultural decline, health issues, environmental degradation, climate vulnerability, social unrest and economic impact. The water crisis must be addressed to ensure a sustainable future for all.