

Water Crisis in Pakistan: Causes and Consequences

Outline

1. Introduction:

1.1 Hook

1.2 General Statement

1.3 Thesis Statement

2. Main Body:

(A) Major causes of Water Crisis in Pakistan

2.1 Population Growth and Urbanization

2.1.1 Expanding Agriculture Sector

2.1.2 Large Industrial water consumption

2.1.3 Insufficient Water Supply Infrastructure

2.2 Mismanagement of Water Resources

2.2.1 Poor Governance and Policies

2.2.2 Lack of efficient water storage strategies

2.2.3 Poor Irrigation Practices

2.3 Climate change

2.3.1 Rising Global Temperature, melting glaciers and Decreasing River Flow

2.3.2 Disturbance in Rainfall Pattern and Ground Water Recharge

2.3.3 Increase Intensity of floods and Drought

2.4 Degradation of environment and Natural Ecosystem (Deforestation)

2.5 Transboundary Water Issues

2.5.1 Indus Water Treaty and India's control over upstream water resources

(B) Consequences of Water Crisis in Pakistan

2.1 Economic Instability

2.1.1 Reduced Agricultural and Industrial Productivity

2.1.2 Decrease in Exports and Increase in Imports.

2.1.3 Rising Energy cost and Hydropower Crisis

2.2 Threat to Food Security

2.3 Increase unemployment and Inflation

2.4 Public Health crisis

2.5 Ground Water Depletion and Soil salinity ^{Increases}

2.6 Urban and Domestic Water stress

2.7 Forced Migration and Displacement

3. Conclusion

The Essay

Albert Szent Gyorgyi on importance of water says, "Water is life's mother and matrix.

mother and medium. There is no life without water." Water is a valuable basic ingredient.

It needs to be saved at all cost for survival of human and animal life. It is our sacred duty to do so. Unfortunately, water crisis is one of major problem prevailing in Pakistan as well as across the globe.

Pakistan is facing this issue due to population growth and urbanization, mismanagement of water resources, climate change, deforestation and transboundary water issues. These causes are not descended from heaven but they are man made. Economic instability, threat to food security, unemployment and increase soil salinity, urban and domestic water stress and forced migration and displacement are the alarming consequences of water crisis. So, serious and honest efforts/reforms are needed ⁱⁿ ~~to~~ water management system to avert this water scarcity issue.