

Natural disasters and governance issues

Outline

A. Introduction

- 1.
- 2.
- 3.

B. Increasing Vulnerability to Natural Hazards

1. Rapid population growth
2. Unplanned urbanization
3. Climate change and Environmental Degradation

C. Governance issues in Disaster Management

1. Weak institutional capacity
2. Poor urban planning and Environmental Mismanagement
3. Corruption and misallocation of funds
4. Inadequate early warning systems
5. Political interference.
6. Weak legal and policy framework
7. Marginalization and social inequality
8. Financial constraints and poor budgetary prioritization

9. Lack of Data, Research and Risk
assessment mechanisms

10. Weak community participation and
local governance

D. Conclusion

Climate change and agricultural sector of Pakistan

Outline

A. Introduction

- 1.
- 2.
- 3.

B. Climate change: Emerging Trends in Pakistan

1. Rising Temperatures
2. Changing rainfall patterns
3. Glaciers melting
4. Increased frequency of extreme events

C. Impacts of Climate Change on Agricultural sector of Pakistan

1. Water scarcity
2. Decline in crop productivity
3. Threat to Major Crops
4. Increased Pest and disease attacks
5. Soil degradation
6. Livestock sector vulnerability
7. Food security concerns.
8. Increased frequency of extreme

weather events.

9. Disruption of Cropping patterns and Agricultural ~~gender~~ calendar

10. Economic losses and export decline

D. Solutions to cater the impacts of Climate change on Agriculture sector of Pakistan

1. Adoption of climate smart agriculture

2. Improved irrigation practices

3. Greenhouse technology

4. Promoting sustainable practices

5. Government support.

E. Conclusion