

ADAPTABILITY DURING ADVERSITY: CLIMATE CHANGE AND HEALTH POLICY IN HARD-TO-REACH COMMUNITIES JIGAWA STATE, NIGERIA



Introduction to the Case Study

- **Focus:** Climate Change and Health Policy in Jigawa State, Nigeria.
- **Community:** Masara, a hard-to-reach village affected by climate change.
- **Key Challenges:** Torrential rainfall, environmental degradation, and soil erosion

STUDY OBJECTIVES

- Explore local adaptation techniques to climate change.
 - Understand ethical issues in researching adaptation solutions.
 - Create ethically sound policy recommendations for health and climate programs
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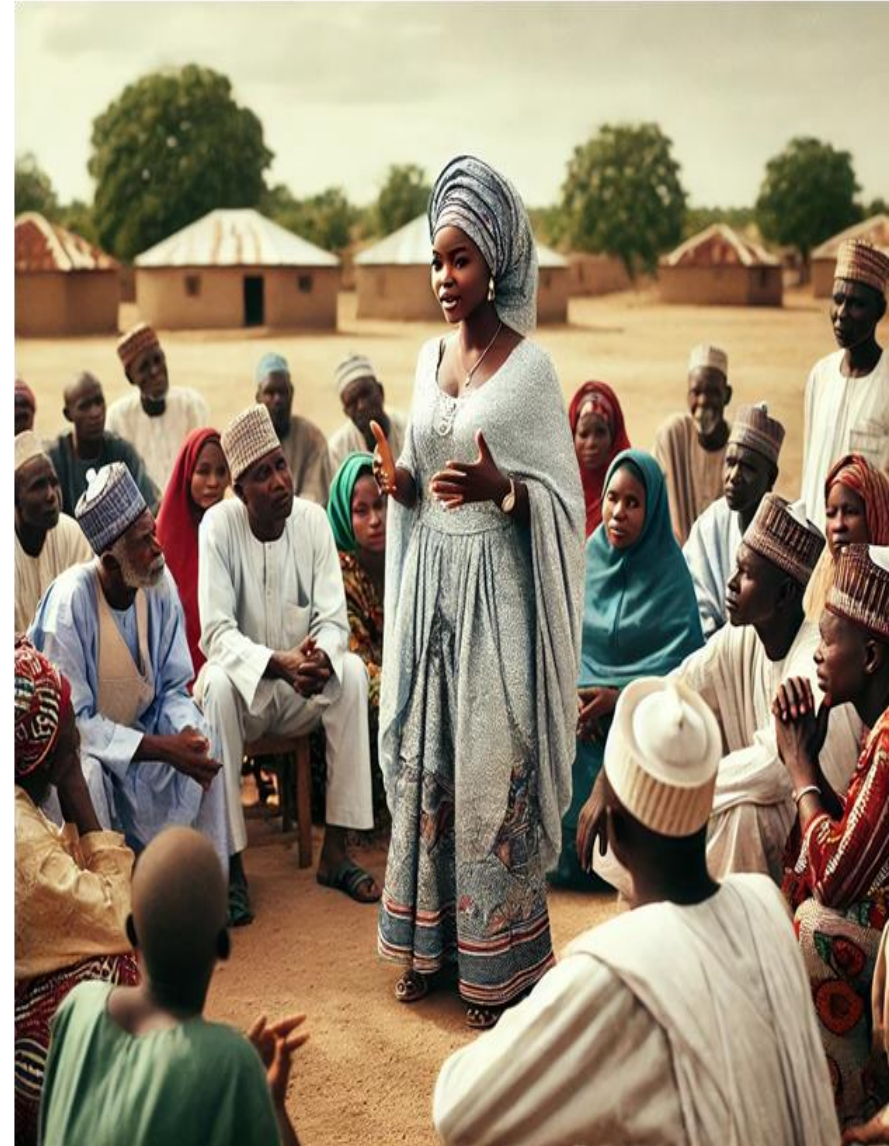
METHODOLOGY

- Discussions with Indo and community members.
- Verbal consent was obtained before interviews.
- Thematic analysis of data through emerging themes and sub-themes.



APPROACH - COMMUNITY ENGAGEMENT

- **Lead Actor:** Indo Abubakar, a local teacher and health worker.
- **Strategy:** Grounded in Indigenous knowledge and customs.
- **Collaboration:** Engaging with stakeholders and local authorities.



KEY ISSUES IDENTIFIED

- Health impacts of climate change in Masara.
- Implications for health policy formulation.
- Ethical challenges like consent, cultural sensitivity, and privacy.



COMMUNITY RESILIENCE

- **Partnerships:** Local leaders, health professionals, and experts.
- **Solidarity:** Indigenous knowledge combined with scientific approaches.
- **Outcome:** Strengthened community resilience to health risks.





ADDRESSING WATER SCARCITY

- Rainwater collection systems introduced.
 - Groundwater retention programs implemented.
 - Advocacy for clean water and sanitary facilities.
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PREVENTION THROUGH ADAPTATION

- Use of traditional early warning systems for floods.
 - Community-led preventive measures like drainage cleaning.
 - Reduced malaria incidence through localized efforts.
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ETHICAL CONCERNS IN RESEARCH

- **Informed Consent:** Crucial when interviewing vulnerable populations.
- **Complex Risks:** Unpredictable health impacts from climate change.
- **Political Issues:** Added complexity during research.



ETHICAL CHALLENGES IN ENGAGEMENT

- Privacy and confidentiality of participants.
- Balancing community needs with individual autonomy.
- Addressing the fair treatment of vulnerable participants.



ETHICAL FRAMEWORK FOR POLICY ADAPTATION

- Importance of community engagement in policy formulation.
 - Ethical governance in adaptation practices.
 - Analysis of privacy, consent, and exploitation concerns.
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CULTURAL SENSITIVITY IN POLICY DEVELOPMENT

- Integrating Indigenous knowledge into health policies.
 - Respecting community values in policy implementation.
 - Achieving a balance between science and tradition..
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Sustainable Adaptation Techniques

- Focus on long-term climate resilience.
 - Community-led irrigation farming for food security.
 - Ensuring sustainability through local practices.
 - Respect for individuals.
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ETHICAL ISSUES IN CLIMATE CHANGE AND HEALTH RESEARCH

Informed Consent: Ensuring voluntary participation of vulnerable communities.

Confidentiality: Safeguarding participants' personal information and privacy.

Cultural Sensitivity: Respecting Indigenous knowledge and values during interventions.

Equity: Preventing the exploitation of marginalized groups.

Sustainability: Balancing scientific and local practices for long-term impact.



CONCLUSIONS & RECOMMENDATIONS

- Build on community knowledge for adaptation to climate change.
 - Ensure ethical considerations in climate-health research.
 - Equity, justice, and sustainability in policy responses.
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