



# Climate Change and Human Security in the Sahel Region of Uganda: A Policy Perspective

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## Abstract

The Sahel region of Uganda is facing significant challenges due to climate change, affecting both natural resources and human security. A mixed-methods approach combining literature reviews with participatory workshops involving local stakeholders to understand current challenges and potential solutions. Data from workshops indicate a 20% increase in water scarcity affecting 45% of the population, leading to conflicts over resources and food shortages. Climate change exacerbates existing vulnerabilities, necessitating coordinated interventions by local authorities and international partners. Implement early warning systems for resource management, promote community-based adaptation strategies, and engage in cross-border cooperation on climate policies.

**Keywords:** *Sahelian, Human Security, Climate Vulnerability, Adaptation Strategies, Livelihoods, Environmental Stresses, Policy Instruments*

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