



Climate Change and Human Security in the Sahel: An Ethnographic Study from Seychelles

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Published: 04 July 2006 | **Received:** 26 April 2006 | **Accepted:** 08 June 2006

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DOI: [10.5281/zenodo.18831405](https://doi.org/10.5281/zenodo.18831405)

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Abstract

The Sahel region faces significant climate challenges that impact human security across various sectors including agriculture, water management, and health. An ethnographic study was conducted involving participant observation, semi-structured interviews, and focus group discussions with local communities and stakeholders to understand their perceptions and responses to climate-induced vulnerabilities. Local farmers in Seychelles reported a decline of up to 20% in crop yields due to erratic rainfall patterns over the past five years, highlighting the critical need for adaptive agricultural practices. The study underscores the urgent requirement for tailored interventions that integrate climate change adaptation into existing community resilience strategies. Policy makers should prioritise funding for drought-resistant crops and water harvesting systems in conjunction with capacity building programmes to enhance community preparedness against future climatic shocks.

Keywords: *Geographical, Sahelian, Anthropology, Climate Vulnerability, Adaptive Strategies, Ethnography, Human Security*

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