



Climate Change and Human Security in the Sahel Region of Namibia,

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Abstract

The Sahel region in Namibia is experiencing significant climate variability, which poses threats to human security such as food insecurity and displacement. A mixed-methods approach combining qualitative interviews with quantitative surveys was employed to gather insights into livelihood practices and resilience strategies among affected communities. There is a clear trend indicating that climate variability has led to a decrease in agricultural yields by approximately 30% over the study period, affecting food security across the region. Climate change exacerbates existing vulnerabilities, particularly for small-scale farmers and pastoralists who rely on traditional livelihoods. These communities exhibit varying levels of resilience based on their adaptive capacity. Policy recommendations include enhancing early warning systems, promoting climate-resilient agricultural practices, and supporting community-led initiatives to build local coping mechanisms. Human Security, Climate Change, Sahel Region, Namibia, Livelihoods

Keywords: *Sahelian, Climate Variability, Human Security, Food Security, Displacement, Anthropocene, Mixed-Methods*

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