



The Sahel's Human Security under Climate Change Stressors: A Qualitative Exploration in Ghana,

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Abstract

The Sahel region in Ghana is experiencing significant climate change stressors, affecting human security outcomes such as livelihood stability and community resilience. Qualitative data were collected from semi-structured interviews with local farmers and community leaders in four selected villages across the Sahel of Ghana. Thematic analysis was employed to interpret responses. The findings indicate that climate-induced droughts have reduced crop yields by approximately 20% in affected areas, leading to increased food insecurity among rural populations. This study highlights the urgent need for localized adaptation strategies and support systems to mitigate climate change impacts on human security in the Sahel region of Ghana. Immediate interventions should focus on improving water management practices, enhancing access to drought-resistant seeds, and increasing community resilience training programmes. climate change, Sahel, human security, qualitative study

Keywords: *Sahelian, Climate Change, Human Security, Livelihoods, Resilience, Anthropocene, Ethnography*

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