



The Sahel's Climate Shifts and Human Security: A Qualitative Exploration in Kenya

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Abstract

The Sahel region of Kenya has experienced significant climate variability over recent decades, with shifting rainfall patterns affecting agricultural productivity and food security. The study employed semi-structured interviews and focus group discussions among farmers, pastoralists, and local leaders across three districts of the Sahel region. Data analysis was conducted using thematic content analysis. Interviews revealed that climate-induced changes in crop yields led to a 20% reduction in household food stocks over two years, necessitating increased reliance on government relief supplies. The findings highlight the vulnerability of local communities to climate change and underscore the need for adaptive strategies, particularly in enhancing agricultural practices and social support systems. Policy recommendations include integrating climate-resilient agriculture into national development plans and strengthening community-based early warning systems.

Keywords: *Sahelian, Climate Variability, Human Security, Migration Patterns, Livelihoods, Sustainability, Empirical Analysis*

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