



Climate Change and Human Security in the Sahel Region of Ethiopia: A Theoretical Framework

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Abstract

The Sahel region of Ethiopia is particularly vulnerable to climate change due to its arid and semi-arid conditions, characterized by unpredictable rainfall patterns and droughts. Theoretical synthesis and literature review will be employed to develop a comprehensive understanding of the interplay between climate change and human security in the region. This theoretical framework underscores the critical need for adaptive strategies that integrate climate information into agricultural planning and social welfare programmes to mitigate human security risks associated with climate change in the Sahel region of Ethiopia. Developing early warning systems, enhancing access to climate information services, and supporting resilient livelihoods are recommended interventions to enhance human security in the face of climate variability.

Keywords: *African Geography, Sahelian, Climate Variability, Human Security, Vulnerability Studies, Systems Theory, Complexity Science*

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