



# Climate Change and Human Security in the Sahel: A Sahelian Perspective on African Vulnerability

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## Abstract

The Sahel region of Africa is facing significant climate variability, which has profound implications for human security across its states and communities. A qualitative approach was employed, involving interviews and document analysis from Sahelian communities and governmental agencies, supplemented by secondary data reviews. Interviews revealed a consistent theme of water scarcity affecting agricultural productivity, leading to food insecurity. A key finding is the significant proportion (60%) of respondents who reported reduced crop yields due to erratic rainfall patterns. The analysis underscores the urgent need for integrated climate change adaptation strategies that address both immediate and long-term security concerns in the Sahel region. Policy recommendations include fostering collaborative efforts between local communities, governments, and international organizations to develop adaptive agricultural practices and water management systems.

**Keywords:** *Sahelian, Climate Variability, Human Security, Vulnerability Studies, Qualitative Research*

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