



The Sahel's Climate Tectonics: Impacts on Human Security in South Africa,

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Abstract

The Sahel region in South Africa is experiencing significant climate variability, influenced by global climate patterns and local environmental changes. A qualitative study utilising interviews with community leaders and statistical analysis of historical rainfall data. Climate change is exacerbating existing vulnerabilities, necessitating integrated adaptation strategies that address both environmental and socio-economic impacts. Investment in early warning systems, sustainable agriculture practices, and social safety nets are crucial for enhancing resilience to climate-induced shocks.

Keywords: *Sahelian, Climate Variability, Human Security, Environmental Change, Anthropocene*

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