



# Quantifying Adoption Rates and Outcomes of Climate-Resilient Agriculture Practices in Western Kenya Villages: A Theoretical Framework

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## Abstract

Western Kenya villages are grappling with climate change impacts, necessitating the adoption of resilient agricultural practices to ensure food security and sustainability. This article does not involve empirical results but aims to outline the conceptual structure necessary for future research on CRA adoption rates and impacts in Western Kenya villages. The proposed framework will serve as a foundational tool for assessing the effectiveness of various policies and interventions aimed at promoting sustainable agricultural practices in Western Kenya villages. Future research should focus on developing and testing specific implementation strategies based on this theoretical model to enhance CRA adoption rates and outcomes.

**Keywords:** *African geography, resilience theory, climate change impacts, sustainable agriculture, adoption models, agroecology, participatory research*

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