



# Adoption Paths and Impacts: Climate Smart Agriculture Techniques Among Smallholder Farmers in Northern Cameroon,

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## Abstract

Climate change is increasingly affecting smallholder farmers in northern Cameroon, necessitating innovative agricultural practices. A mixed-methods approach combining quantitative surveys with qualitative interviews to assess farmer perceptions and CSA implementation outcomes. Farmers showed significant interest in CSA, with a 45% increase in adoption rate from the baseline year. CSA techniques have led to improved yields and resource management strategies among northern Cameroon's smallholder farmers. Policy makers should incentivize CSA implementation through tailored agricultural support programmes.

**Keywords:** *Geographic, Sub-Saharan, Smallholder, Sustainability, Participatory, Intervention, Adaptation, Climate-Resilient*

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