



Climate-Smart Agriculture Adoption Among Maize Farmers in Malawi: A Policy Analysis

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Abstract

Climate change is increasingly affecting agricultural productivity in Malawi, particularly for maize farmers who face challenges such as erratic rainfall and soil degradation. The study employed a mixed-methods approach, including surveys, focus group discussions, and key informant interviews with maize farmers and extension service providers across Malawi's major maize-producing regions. Survey data revealed that approximately 45% of maize farmers have adopted at least one CSA technique, with soil conservation practices being the most widely implemented (30%). Despite progress in CSA adoption, significant challenges remain related to insufficient farmer training and limited access to resources. Policy recommendations include enhancing extension services' capacity for delivering CSA training and increasing funding for resource support programmes.

Keywords: *African geography, climate change adaptation, agroecology, participatory rural appraisal, sustainable land management*

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