



# Community-Based Climate Resilience Strategies Among Maize Farmers in Eastern Ethiopia: A Longitudinal Economic Assessment

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## Abstract

Maize is a staple crop in Eastern Ethiopia's agricultural landscape, facing challenges exacerbated by climate variability. A longitudinal qualitative study employing semi-structured interviews and focus group discussions with farmer communities in selected districts of Eastern Ethiopia. Farmers reported a significant increase (30%) in crop yields following the implementation of agroforestry practices, enhancing climate resilience. Community-based interventions have shown promising economic benefits for maize farmers, particularly through diversified farming systems that integrate tree planting and traditional agricultural techniques. Promote replication of successful community-led initiatives to ensure sustainable livelihoods in the face of climate change challenges.

**Keywords:** *Ethiopia, Maize Farmers, Community-Based Interventions, Climate Variability, Economic Impacts, Qualitative Research, Sustainability Measures*

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