



# Resilience Dynamics in Ethiopian Agriculture: Insights from Climate Shock Experiences in Supply Chains

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## Abstract

The Ethiopian agriculture sector is highly vulnerable to climate shocks, which can severely impact supply chains and economic stability. This ethnographic study employed participant observation and semi-structured interviews with stakeholders across various levels of the supply chain, including smallholder farmers, agribusinesses, input suppliers, and government agencies. Farmers reported adapting their planting schedules to align more closely with predictable rainfall patterns, reducing losses by an average of 20% in some regions. Traders also diversified product offerings to include higher-value crops like coffee and honey, thereby enhancing resilience. The findings suggest that localized adaptations at the farmer level can be complemented by strategic diversification among traders to build more robust supply chains against climate uncertainties. Governments should support farmers in adopting new technologies and insurance schemes while encouraging traders to develop diversified product portfolios. Collaboration between stakeholders is crucial for effective resilience building. Agricultural Supply Chains, Climate Resilience, Ethnographic Study, Ethiopia

**Keywords:** *African Geography, Supply Chain Dynamics, Ethnography, Climate Resilience, Agricultural Vulnerability, Participant Observation, Indigenous Knowledge Systems*

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