



Climate Shocks and Supply Chain Resilience in Ugandan Agriculture: Insights from 2005 – 2005

Kabwira Sserunkuma¹

¹ Department of Interdisciplinary Studies, Makerere University, Kampala

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Correspondence: ksserunkuma@gmail.com

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Author notes

Kabwira Sserunkuma is affiliated with Department of Interdisciplinary Studies, Makerere University, Kampala and focuses on Business research in Africa.

Abstract

Climate shocks have become increasingly frequent in Uganda's agricultural sector, affecting crop yields and farmer livelihoods. This study aims to explore how Ugandan farmers adapt their supply chains to mitigate these impacts. Qualitative research methods were employed through semi-structured interviews with a purposive sample of Ugandan smallholder farmers, focusing on their experiences over the past decade. Farmers reported significant variability in climate shocks' intensity and frequency across different regions. For instance, one third of respondents experienced more than two severe weather events per year, impacting crop yields substantially. This study highlights the critical need for enhanced supply chain adaptability among Ugandan farmers to withstand climatic challenges. Findings underscore the importance of local knowledge integration in climate-resilient agricultural practices. Uganda's policy makers should prioritise investments in infrastructure and extension services that support farmer adaptation, alongside research into climate-smart agriculture technologies.

Keywords: *African Geography, Climate Change Adaptation, Supply Chain Management, Risk Assessment, Sustainability Practices, Participatory Research, Farmer Cooperatives*

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