



Supply Chain Resilience Strategies in Madagascar’s Agricultural Sector Amid Climate Shocks

Hanokaina Rakotoharimana¹, Kelyna Rasoamanarivo^{2,3}, Igoriana Randriambolaora^{4,5}

¹ Department of Research, National Centre for Applied Research on Rural Development (FOFIFA)

² Department of Advanced Studies, National Centre for Applied Research on Rural Development (FOFIFA)

³ Department of Research, University of Toamasina

⁴ National Centre for Applied Research on Rural Development (FOFIFA)

⁵ Department of Research, University of Mahajanga

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Correspondence: hrakotoharimana@outlook.com

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Author notes

Hanokaina Rakotoharimana is affiliated with Department of Research, National Centre for Applied Research on Rural Development (FOFIFA) and focuses on Business research in Africa.

Kelyna Rasoamanarivo is affiliated with Department of Advanced Studies, National Centre for Applied Research on Rural Development (FOFIFA) and focuses on Business research in Africa.

Igoriana Randriambolaora is affiliated with National Centre for Applied Research on Rural Development (FOFIFA) and focuses on Business research in Africa.

Abstract

Madagascar's agricultural sector is highly vulnerable to climate shocks, impacting food security and economic stability. A mixed-methods approach combining qualitative interviews with quantitative analysis of existing data. Supply chains showed significant variability in their ability to cope with drought and flooding, with some showing adaptive capacity up to 30%. Enhanced supply chain resilience can significantly improve agricultural sector sustainability under climate stress. Implement targeted support for smallholder farmers and invest in infrastructure that enhances water management and crop diversification.

Keywords: *African Geography, Climate Change Adaptation, Supply Chain Management, Risk Analysis, Vulnerability Studies, Sustainable Development Goals, Impact Assessment*

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