



Innovations in Agricultural Practices and Their Macro-Economic Impacts on Southern African Regions: A Theoretical Framework

Kamya Mponda¹

¹ Department of Research, Tanzania Wildlife Research Institute (TAWIRI)

Published: 15 May 2011 | **Received:** 07 January 2011 | **Accepted:** 10 April 2011

Correspondence: kmponda@aol.com

DOI: [10.5281/zenodo.18937770](https://doi.org/10.5281/zenodo.18937770)

Author notes

Kamya Mponda is affiliated with Department of Research, Tanzania Wildlife Research Institute (TAWIRI) and focuses on Business research in Africa.

Abstract

The agricultural sector in Southern Africa plays a pivotal role in regional economies, particularly in Tanzania where it accounts for significant employment and contributes to GDP. However, traditional farming practices often lead to low productivity and environmental degradation. Theoretical models will be employed to analyse the impacts of these innovations on regional economies, considering factors like technological adoption rates, market access, and policy support. The framework will integrate insights from existing literature and empirical studies. The theoretical framework developed herein provides a robust foundation for understanding the potential of agricultural innovations on Southern African economies. It underscores the importance of policy interventions that facilitate technology adoption and support sustainable development strategies. Governments in Southern Africa should prioritise investments in research and development, enhance access to credit and markets, and implement policies that incentivize technological upgrades among smallholder farmers.

Keywords: *African geography, agroecology, biophysical systems, econometrics, innovation diffusion, participatory rural appraisal, sustainability assessment*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge