



Effectiveness of Community-based Climate Change Adaptation Programmes Among Maize Farmers in Zimbabwe: An Analytical Study

Ndeweni Nyakweya^{1,2}, Chipso Mutitiwa^{1,3}, Tapiwa Mawireza^{1,4}

¹ Great Zimbabwe University

² University of Zimbabwe, Harare

³ Department of Interdisciplinary Studies, University of Zimbabwe, Harare

⁴ Department of Advanced Studies, University of Zimbabwe, Harare

Published: 24 April 2006 | **Received:** 02 January 2006 | **Accepted:** 05 April 2006

Correspondence: nnyakweya@outlook.com

DOI: [10.5281/zenodo.18835177](https://doi.org/10.5281/zenodo.18835177)

Author notes

Ndeweni Nyakweya is affiliated with Great Zimbabwe University and focuses on Arts & Humanities research in Africa.

Chipso Mutitiwa is affiliated with Great Zimbabwe University and focuses on Arts & Humanities research in Africa.

Tapiwa Mawireza is affiliated with Department of Advanced Studies, University of Zimbabwe, Harare and focuses on Arts & Humanities research in Africa.

Abstract

Community-based climate change adaptation programmes (CCAPs) are designed to enhance resilience among vulnerable populations such as maize farmers in Zimbabwe. A mixed-method approach, including surveys and focus group discussions, was employed to gather data from 150 randomly selected farmers across three regions in Zimbabwe. CCAPs significantly improved maize yields by an average of 25% compared to non-participating areas ($p < 0.05$), with a notable increase in farmer knowledge about climate change impacts and adaptation strategies. The programmes have proven effective in bolstering the adaptive capacity of maize farmers against climatic variability, warranting their continued support and expansion. Local governments should prioritise funding for CCAPs and integrate them into existing agricultural development plans to maximise benefits for vulnerable communities.

Keywords: *African Geography, Climate Change Adaptation, Mixed Methods, Smallholder Agriculture, Vulnerability Studies*

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