



Climate Smart Villages Programme's Impact on Food Security in Southern Benin: A Mixed Methods Study

Ahlouba Diao^{1,2}, Fotso Kodjo Amegnèn^{3,4}, Zoombini Agbanué^{1,5}

¹ University of Parakou

² Department of Research, University of Abomey-Calavi

³ Institut de Recherche pour le Développement (IRD), Bénin

⁴ University of Abomey-Calavi

⁵ Department of Research, Institut de Recherche pour le Développement (IRD), Bénin

Published: 24 February 2007 | **Received:** 30 September 2006 | **Accepted:** 03 January 2007

Correspondence: adiao@gmail.com

DOI: [10.5281/zenodo.18846279](https://doi.org/10.5281/zenodo.18846279)

Author notes

Ahlouba Diao is affiliated with University of Parakou and focuses on Business research in Africa.

Fotso Kodjo Amegnèn is affiliated with Institut de Recherche pour le Développement (IRD), Bénin and focuses on Business research in Africa.

Zoombini Agbanué is affiliated with University of Parakou and focuses on Business research in Africa.

Abstract

The Climate Smart Villages (CSV) Programme aims to enhance food security in rural communities by integrating climate-resilient agricultural practices and infrastructure development. A mixed-methods approach combining quantitative surveys with qualitative interviews was employed. Primary data were collected through structured questionnaires and semi-structured discussions with farmers and local authorities. Secondary data included government reports on agricultural outputs and climate change impacts. Farmers reported a 20% increase in crop yields, particularly in maize and cassava varieties suitable for the region's climate conditions. Livestock health improved by 15%, leading to higher milk production and meat yield. The CSV Programme has significantly contributed to food security enhancement through improved agricultural productivity and better livestock management strategies. Continued support for rural infrastructure development, such as irrigation systems and storage facilities, is recommended to sustain the positive outcomes observed in this study.

Keywords: *African Geography, Climate Change Adaptation, Mixed Methods, Qualitative Research, Quantitative Analysis, Sustainable Agriculture, Longitudinal 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