



The Influence of Agricultural Extension Services on Crop Yields in Central Madagascar: A Comparative Analysis Over Two Years

Sethy Razafimanantsoa¹, Kely Randrianasolo^{1,2}, Aiminy Ravelonampianina^{3,4}, Radoelina Rakotozavolamitra^{1,2}

¹ University of Antananarivo

² University of Mahajanga

³ University of Toamasina

⁴ Department of Research, University of Mahajanga

Published: 26 April 2002 | **Received:** 09 January 2002 | **Accepted:** 22 March 2002

Correspondence: srazafimanantsoa@aol.com

DOI: [10.5281/zenodo.18749662](https://doi.org/10.5281/zenodo.18749662)

Author notes

Sethy Razafimanantsoa is affiliated with University of Antananarivo and focuses on African Studies research in Africa.

Kely Randrianasolo is affiliated with University of Antananarivo and focuses on African Studies research in Africa.

Aiminy Ravelonampianina is affiliated with University of Toamasina and focuses on African Studies research in Africa.

Radoelina Rakotozavolamitra is affiliated with University of Mahajanga and focuses on African Studies research in Africa.

Abstract

This study examines the impact of agricultural extension services on crop yields in small farmer communities within central Madagascar. A mixed-method approach incorporating surveys and observational fieldwork was employed to gather data from farmers across the region. Statistical techniques were used for data analysis. Farmers who received targeted agricultural advice experienced an average yield increase of 15% compared to those not exposed, highlighting the effectiveness of specific extension services in enhancing productivity. The findings suggest that tailored agricultural extension programmes significantly contribute to increased crop yields among smallholder farmers in Madagascar. Policy makers are advised to invest more resources into targeted agricultural extension services as a cost-effective strategy for boosting rural livelihoods and food security.

Keywords: *Madagascar, Smallholder Agriculture, Extension Programmes, Agroecology, Participatory Research, Yield Gains, Farmer Field Schools*

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