



Integrated Farming Systems in Benin: A Review for Resource-Poor Farmers

Adrien Houngbon¹, Aime Eyongué^{2,3}

¹ Department of Crop Sciences, University of Parakou

² University of Parakou

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

Published: 10 October 2002 | **Received:** 24 June 2002 | **Accepted:** 10 September 2002

Correspondence: ahoungbon@aol.com

DOI: [10.5281/zenodo.18747045](https://doi.org/10.5281/zenodo.18747045)

Author notes

Adrien Houngbon is affiliated with Department of Crop Sciences, University of Parakou and focuses on Agriculture research in Africa.

Aime Eyongué is affiliated with University of Parakou and focuses on Agriculture research in Africa.

Abstract

Integrated farming systems have been proposed as a solution to enhance agricultural productivity and sustainability in resource-poor environments. A comprehensive search strategy was employed using multiple databases and reference lists, with articles screened based on predefined inclusion criteria. A qualitative synthesis approach was used to analyse the data. The analysis revealed that integrated farming systems often integrate crop diversification, livestock integration, and agroforestry practices, contributing positively to soil health and biodiversity in Benin's agricultural landscape. Resource-poor farmers in Benin can benefit from adopting integrated farming systems which have shown promise in improving yields and environmental sustainability while enhancing resilience against climate change impacts. Given the positive findings, it is recommended that policymakers support further research and extension programmes to promote widespread adoption of these systems among resource-poor farmers in Benin. The empirical specification follows $Y = \beta_{0+\beta}^{-} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: *African agriculture, Integrated Farming Systems, Resource-poor farming, Sustainable development, Agroecology, Participatory approaches, Farmer knowledge*

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