



# Sustainable Agriculture and Agroforestry in Rural Livelihood Enhancement: A Comparative Case Study from Uganda's Volcanoes Region

Mabutasse Musoke<sup>1</sup>

<sup>1</sup> Uganda National Council for Science and Technology (UNCST)

**Published:** 22 May 2012 | **Received:** 01 February 2012 | **Accepted:** 05 April 2012

**Correspondence:** [mmusoke@gmail.com](mailto:mmusoke@gmail.com)

**DOI:** [10.5281/zenodo.18976429](https://doi.org/10.5281/zenodo.18976429)

## Author notes

*Mabutasse Musoke is affiliated with Uganda National Council for Science and Technology (UNCST) and focuses on Law research in Africa.*

## Abstract

Sustainable agriculture and agroforestry practices are increasingly recognised as crucial for rural livelihood enhancement in Uganda's Volcanoes Region. The research employs a comparative case study approach, analysing data from multiple villages implementing these practices. Quantitative methods include surveys and interviews to measure changes in farm productivity and community welfare. A notable trend observed was an increase of 20% in crop diversity across participating farms, with significant improvements in soil health parameters such as organic matter content and pH levels. The study concludes that integrated agroforestry systems significantly contribute to rural livelihood enhancement by diversifying income sources and improving environmental sustainability. Policy recommendations include fostering collaboration between local communities, NGOs, and government agencies to scale up successful sustainable agriculture projects. Rural Livelihoods, Sustainable Agriculture, Agroforestry, Volcanoes Region, Uganda

**Keywords:** *Sustainable Development, Rural Livelihoods, Agroforestry, Ecological Economics, Case Studies, Geographical Analysis, Participatory Methods*

## 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](mailto: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](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge