



A Mixed-Methods Social Accounting Matrix Framework for Analysing Diaspora Remittance Flows into Greenhouse Tomato Value Chains in Oromia

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ABSTRACT

Background: Diaspora remittances are a critical, yet poorly quantified, source of finance for agricultural intensification in sub-Saharan Africa. Their specific role in capitalising high-value horticultural value chains, such as greenhouse tomato production, remains opaque, limiting evidence-based policy.

Purpose and objectives: This article presents a novel mixed-methods Social Accounting Matrix (SAM) framework designed to trace and quantify the direct and indirect economic effects of remittance inflows into the greenhouse tomato value chain within a regional economy.

Keywords: *Social Accounting Matrix, diaspora remittances, agricultural value chains, greenhouse horticulture, Oromia Region, mixed-methods research, sub-Saharan Africa*

Article Highlights

- Integrates quantitative SAM with qualitative focus groups and interviews
- Traces direct and indirect economic effects of remittance inflows
- Employs linear multiplier model with Monte Carlo simulation
- Designed for application to greenhouse tomato value chains in Oromia

Methodological Innovation

Presents a novel mixed-methods Social Accounting Matrix framework that combines quantitative economic modelling with qualitative socioeconomic data to analyse remittance flows.

This methodology article presents an analytical framework without empirical case results.

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

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