Towards Integrated Assessment of Gender Relations in Farming Systems Analysis

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Introduction/Objective

Farm models are hoped to identify solutions for enhancing the income and food security of farm households. They combine analysis of biophysical and economic data but do not yet sufficiently consider gender aspects. Therefore it is the objective of this study to show ways in which gender analysis can be integrated in farm models.

Methods

- Conceptual Framework Analysis
  - Literature Review
  - 7 Expert Interviews
  - 8 qualitative interviews with female farmers in Zambia
- Suggestions for model development

Results

A) Conceptual Framework (Figure 1)

- Access to key resources for agricultural intensification is different for men and women.
- Agricultural intervention will inevitably affect gender relations.

B) Extension to DEED-approach (Figure 2)

Two possible approaches to include gender analysis.

C) Model Development: The Example of Labour (Figure 3)

- Describe: Gender division of agricultural and domestic labour
- Explain: Consequences for male and female agricultural productivity
- Explore: Technologies to enhance male/female labour productivity
- Design: Changes to farming system based on the different interests of all household members

Conclusions

- Gender-sensitivity of research cannot be reached by adding single indicators to existing models. An holistic approach with clear gender objectives is needed.
- Gender-responsiveness of research is the minimum to ensure that gender relations are not affected in a negative way. Yet agricultural interventions also hold the potential to facilitate gender equality among participating farmers.
- Systematic inclusion of gender assessment in farming system analysis would benefit farmers, agricultural researchers as well as gender scientists.

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