

How communities and organizations interact to strengthen adaptive capacity and food security in the face of climate change



RESEARCH PROGRAM ON
**Climate Change,
Agriculture and
Food Security**



Laura Cramer, CCAFS Science Officer



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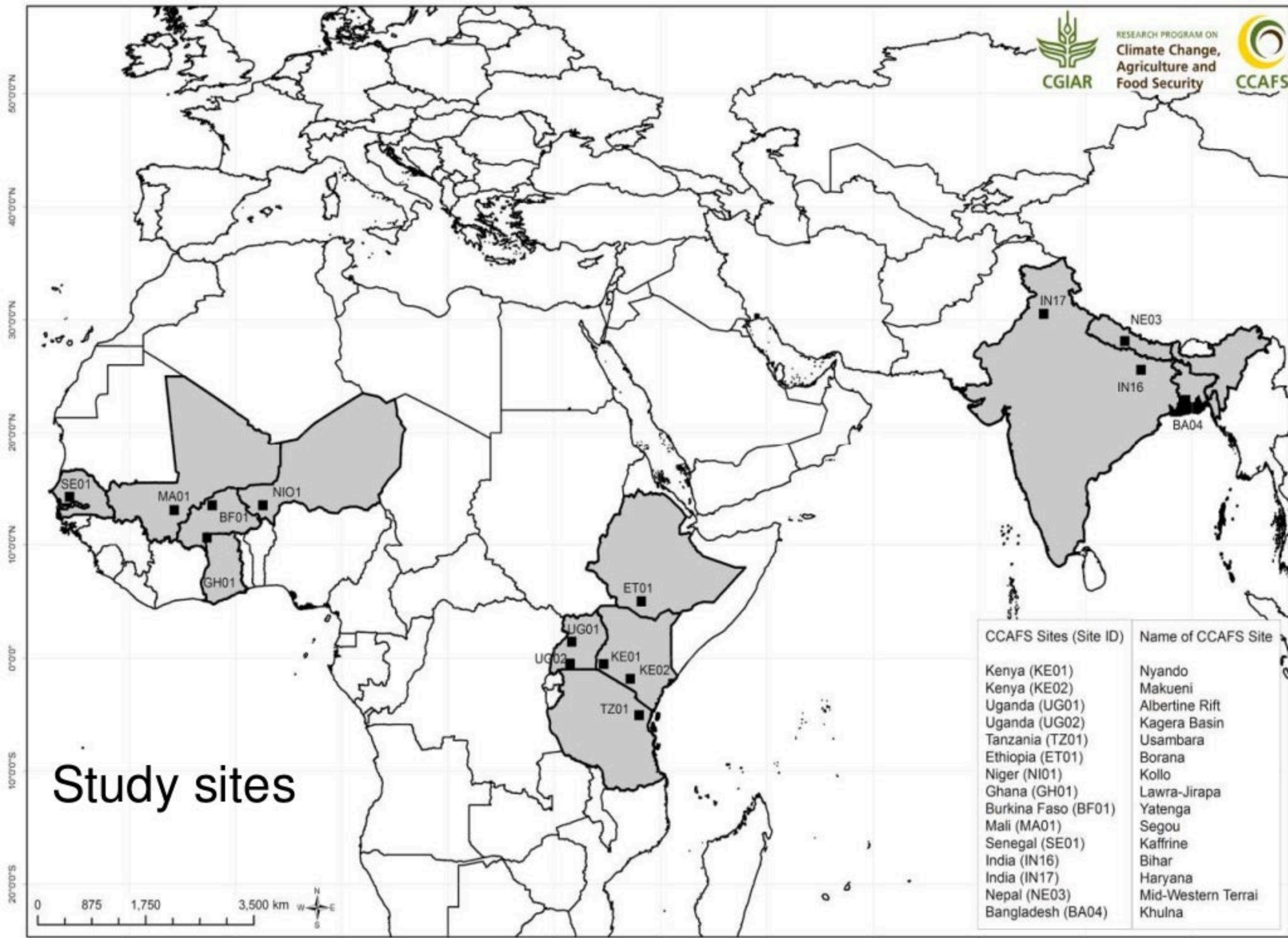
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Introduction

- **Co-authors:** Laura Cramer, Wiebke Foerch, lanetta Mutie, and Philip Thornton
- Data from CCAFS village and organizational baselines in West Africa, East Africa, and South Asia
- All data available:
<https://dataverse.harvard.edu/dataverse/CCAFSbaseline>





Study sites

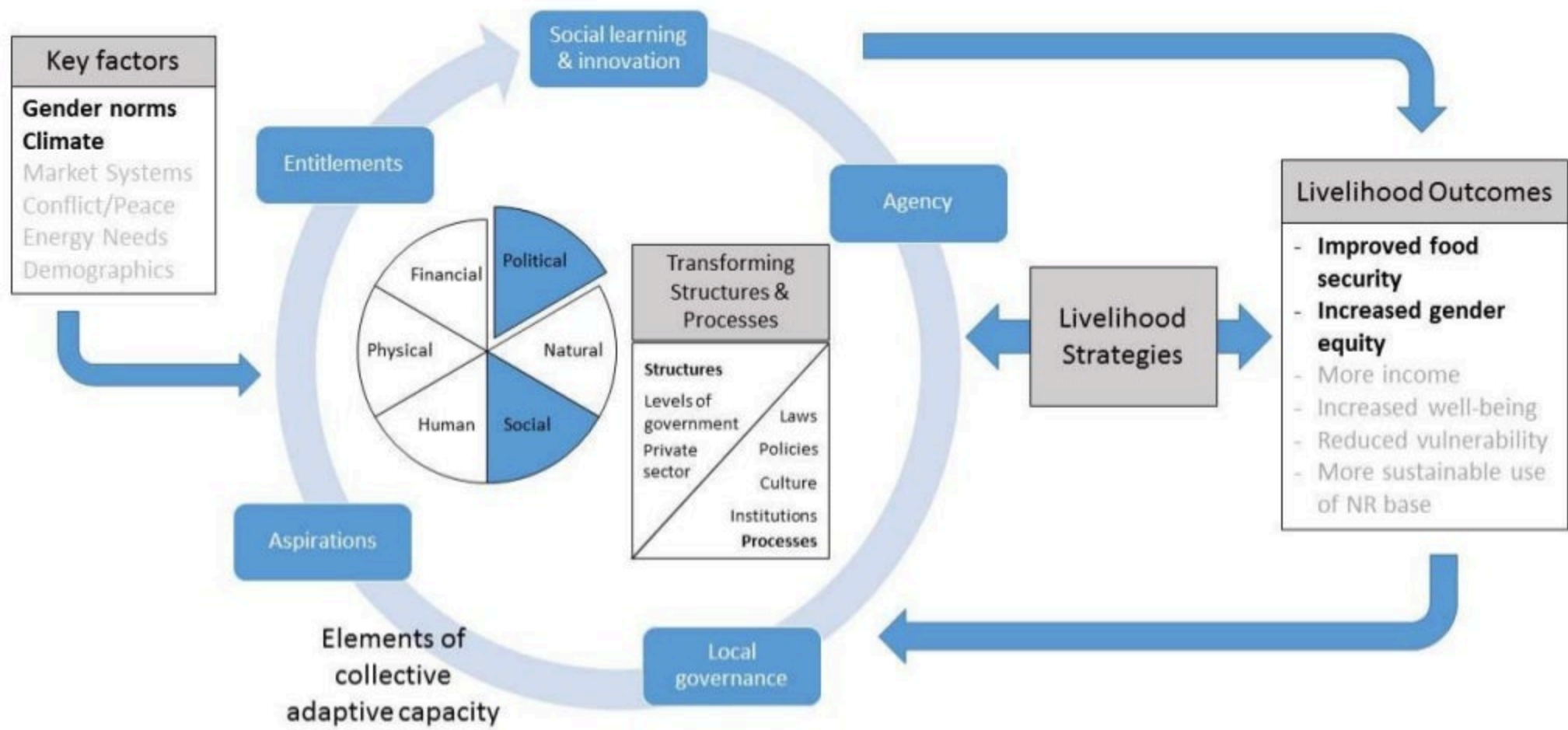


CCAFS Sites (Site ID)	Name of CCAFS Site
Kenya (KE01)	Nyando
Kenya (KE02)	Makueni
Uganda (UG01)	Albertine Rift
Uganda (UG02)	Kagera Basin
Tanzania (TZ01)	Usambara
Ethiopia (ET01)	Borana
Niger (NIO1)	Kollo
Ghana (GH01)	Lawra-Jirapa
Burkina Faso (BF01)	Yatenga
Mali (MA01)	Segou
Senegal (SE01)	Kaffrine
India (IN16)	Bihar
India (IN17)	Haryana
Nepal (NE03)	Mid-Western Terai
Bangladesh (BA04)	Khulna

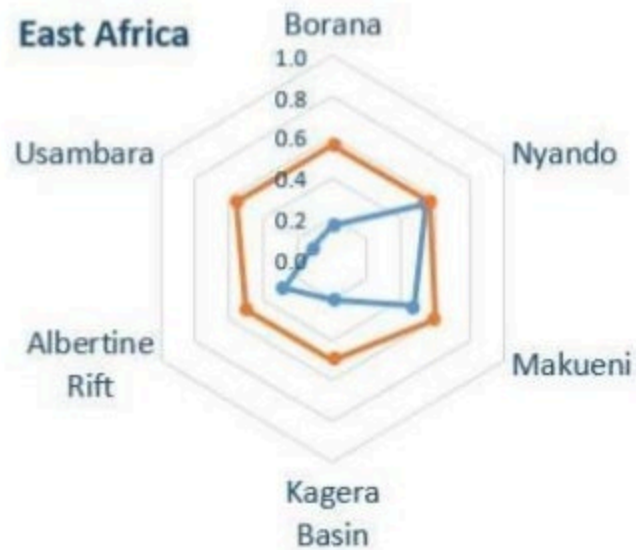
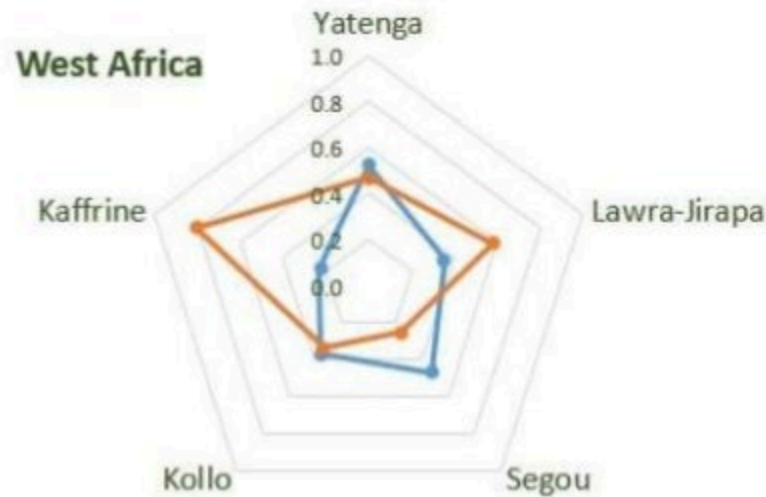
Purpose and research questions

- Purpose: how do men and women value organizations working in their communities, especially on food security?
- ... to better inform policy and programming
- Research questions:
 1. Which levels and what types of organizations operate within the community, and what is their value as perceived by men and women?
 2. How are the components of food security addressed by these organizations perceived differently by men and women, and what are the community-identified gaps within the organizational portfolios?
 3. What are the key disconnects between organizational priorities and the activities valued by men and women?

Analytical framework: Sustainable livelihoods + Adaptive capacity



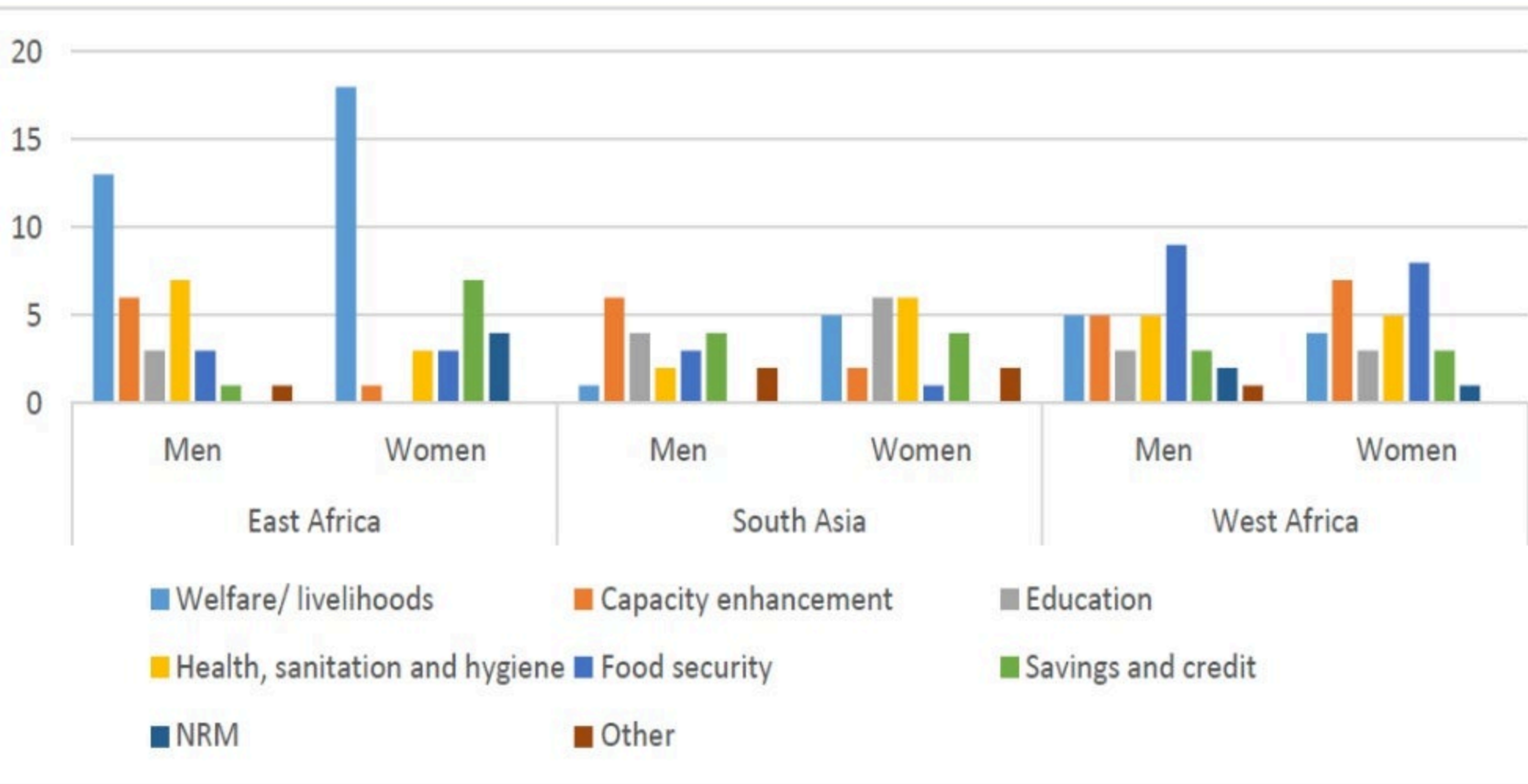
Ratio of local to total organizations named, by men and by women



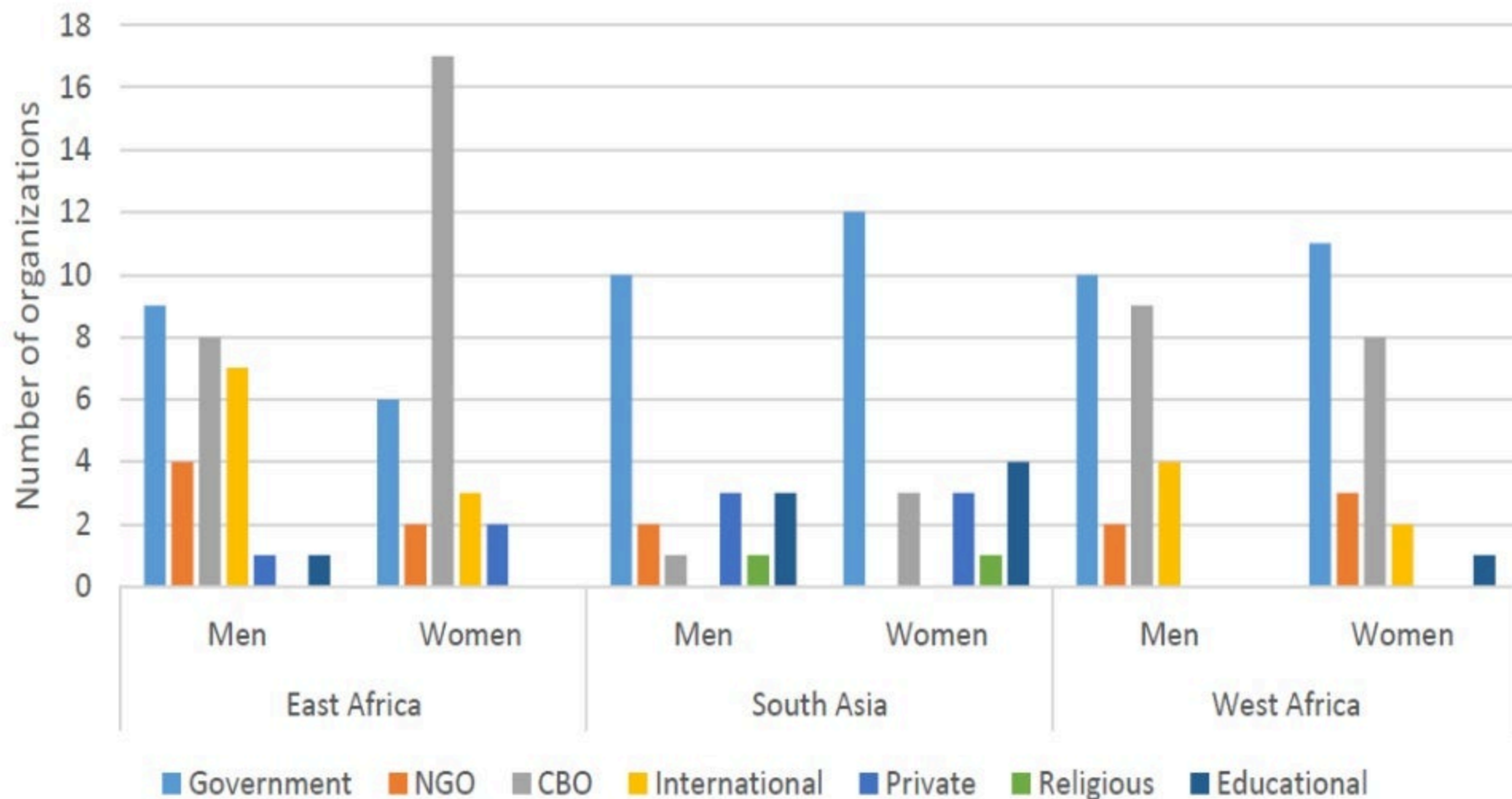
Men: local / total

Women: local / total

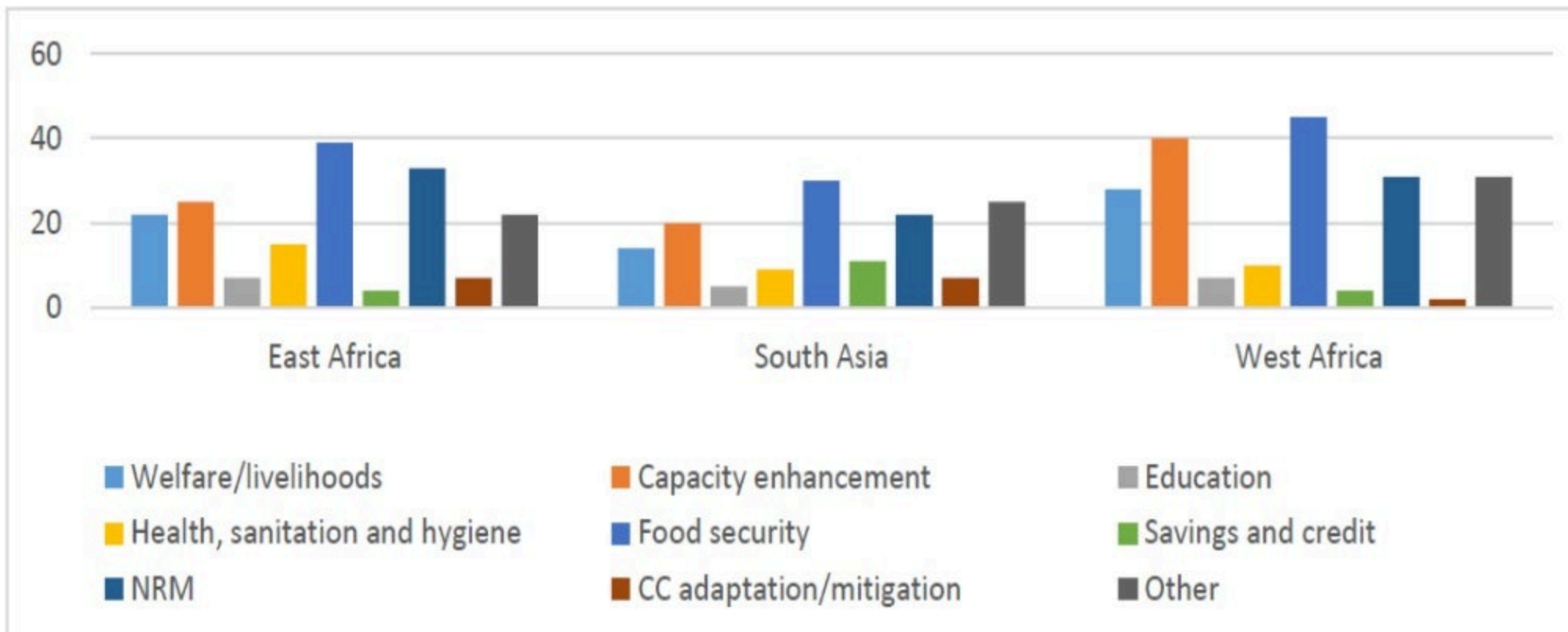
Thematic focus of top 5 organizations



Top 5 organizations by type



Organizations by region and focus



Focus on food security

- Women name more organizations working in food security than men
- Food availability is main focus of food security work
- Gaps identified by participants:
 - Overemphasis on production
 - Too little on storage, access and utilization
 - Not enough capacity strengthening
 - Women not linked to extension services
 - Lack of coordination, weak government services



Community vs. Organizational priorities

Community priorities

- East Africa: welfare and livelihoods (men and women); savings and credit (women)
- South Asia: education and health/sanitation (women)
- West Africa: food security and capacity enhancement (men and women)

Organizational areas of focus

- East Africa: welfare and livelihoods lower emphasis than food security and NRM
- South Asia: food security
- West Africa: food security and capacity enhancement

Organizational priorities



- Little evidence of targeting at local level
- Focus on agricultural production at local level
- Climate change mainstreamed into natural resource management activities in East and West Africa
- Traditional extension services and some support to self-help groups – but no mention of strengthening adaptive capacity

Implications for policies and programming



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- More explicit targeting needed
- Greater focus on access and utilization
- Better efforts to coordinate when working in same area
- Adaptive capacity of communities should be an explicit focus
- Work should be organized through existing groups, especially women's groups (but not ignoring men)
- Need to be careful not to place additional burdens on women



Thank you



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Full paper: <http://journals.sagepub.com/doi/abs/10.1177/0971852416639771>

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