

**1ST EASTERN AFRICA AGROECOLOGY CONFERENCE**  
TRANSFORMING FOOD SYSTEMS FOR RESPONSIBLE PRODUCTION,  
CONSUMPTION AND SOCIAL WELLBEING

March



2023

*Strengthening Resilience and Sustainability in  
Food Systems for Environmental and Socioeconomic Development*

# Agroecological practices strengthen perceived ability to cope with climate change

**FiBL**

**SWISSAID** 

# Our Key Challenges



# Agroecological practices and climate change adaptation

- *breaks Monoculture*
- *improve soil fertility*
- *Systems approach*

**Thus can lead to resilient farming systems  
and improved smallholders' livelihoods**





How to combine  
agrobiodiversity, nutrition, and  
smallholder farming with  
improving rural livelihoods and  
climate change adaptation?

# Challenge your perceptions

***“Change the way you look at things and the things you look at change.”***

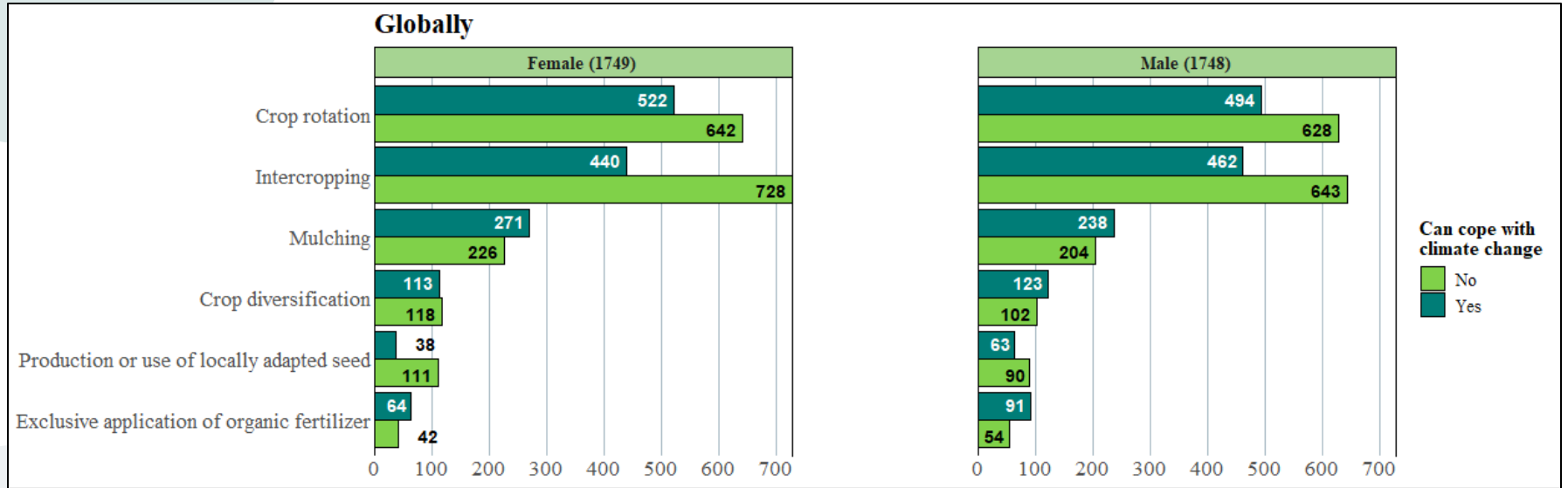
***— Wayne W. Dyer***



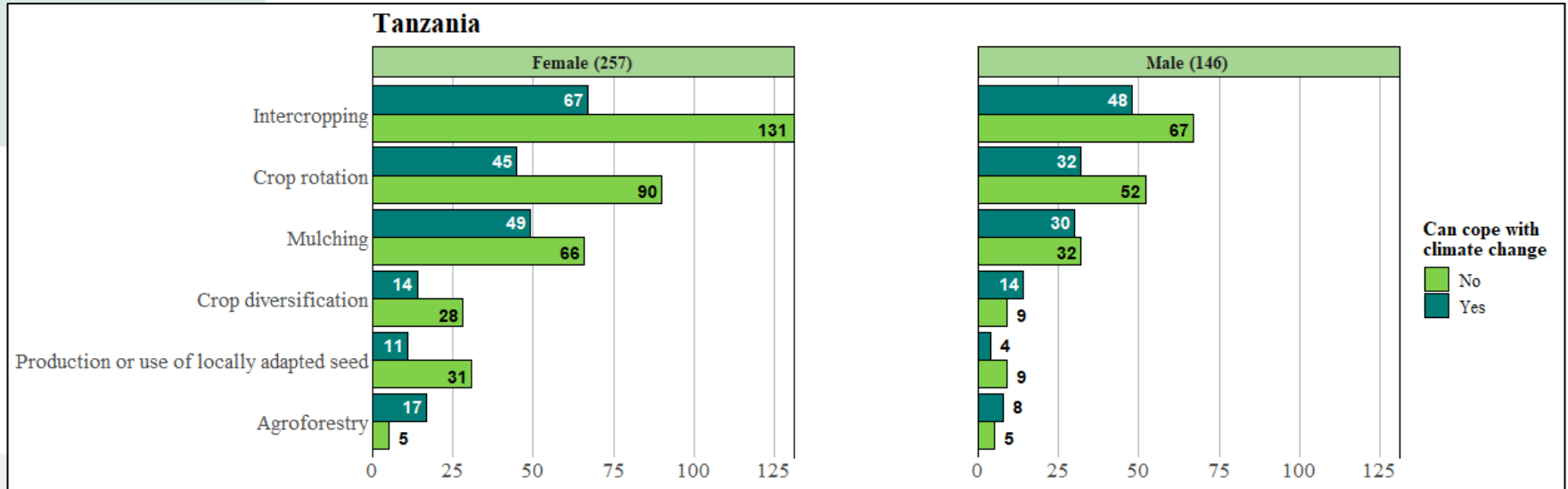


Agrobiodiversity and resilience of smallholder farms can be boosted by altering the Farmers' perception of their ability to cope with climate change.

# Most common Agroecological practices - Globally

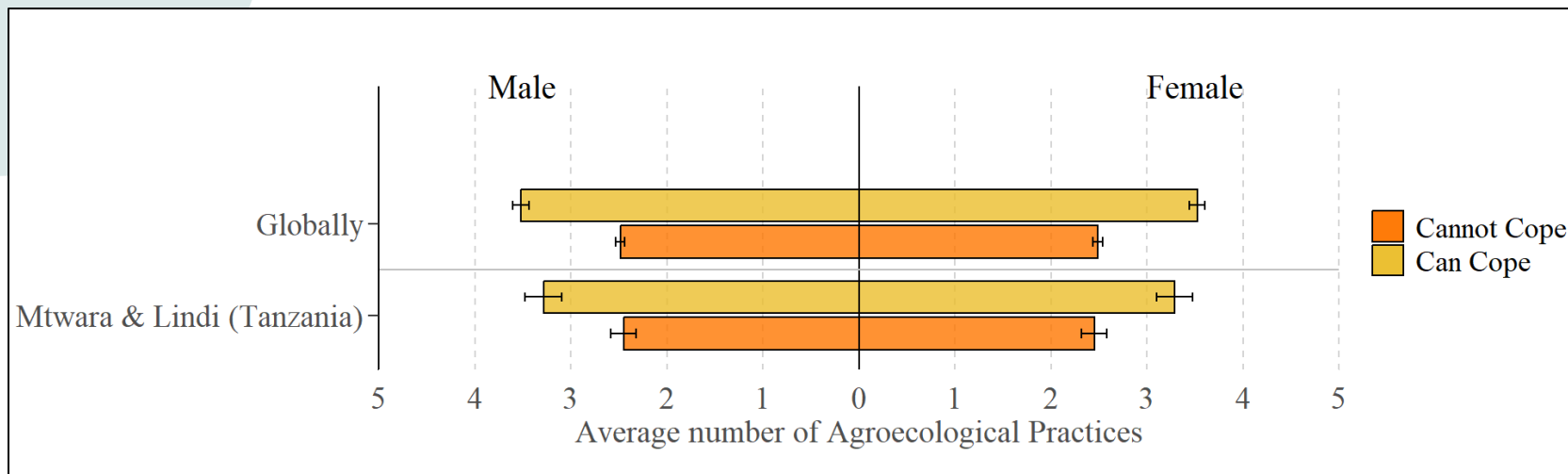


# Most common Agroecological practices - Tanzania

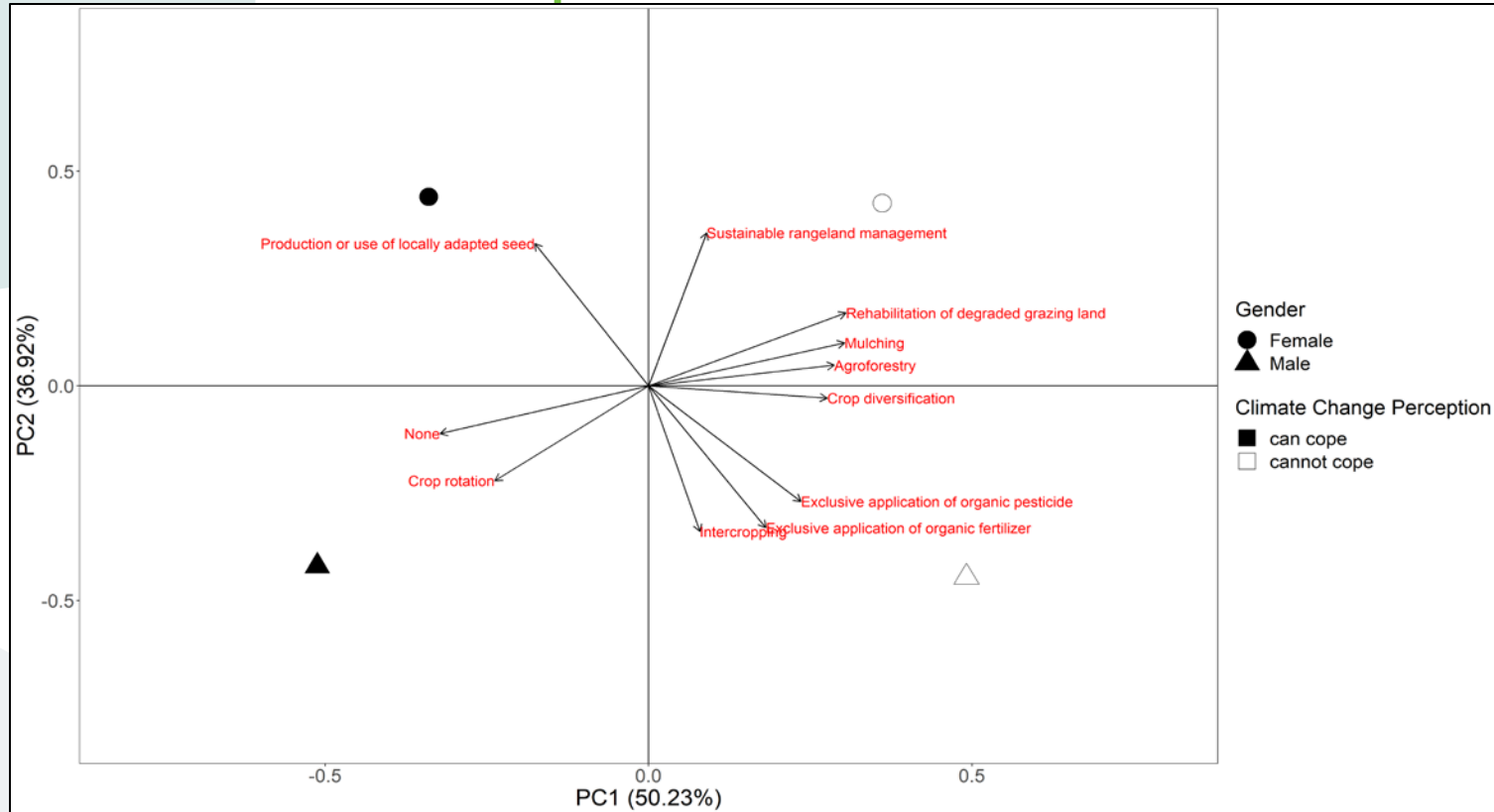




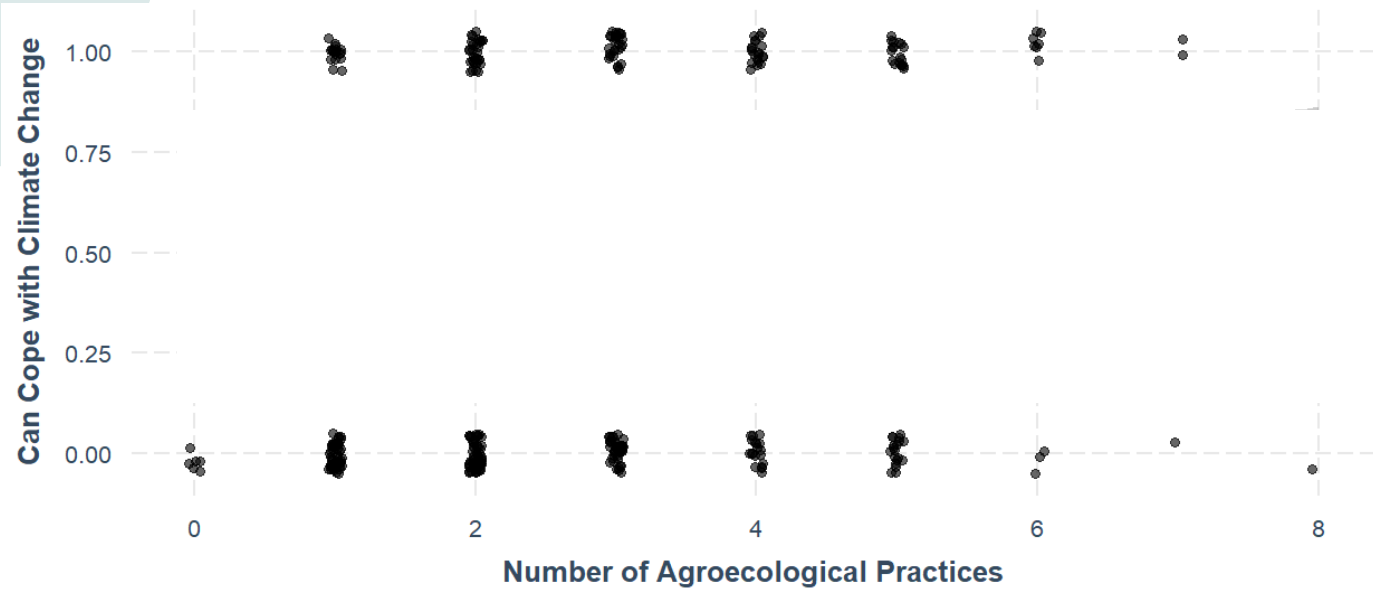
# Climate Change Perception and Agroecological Practices



# Gender, Climate Change Perception and Practices



# Climate Change Perception and Agroecological Practices



# Conclusions

## **Climate**

Farmers' perception of their ability to cope with climate change strongly correlates with the number of agroecological practices they follow.

## **Agroecology**

For additional agroecological practice followed by farmers, their perception to cope with climate improved by a factor of 1.44.

## **Policy**

This clearly signifies the importance of integrating agroecological practices into farming systems to enhance their ability to cope with climate change.

# Thanks!

ANY QUESTIONS?

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