



Agroecology TPP

Metrics to Support Agroecological Transitions

CGIAR Webinar on Advancing Agrobiodiversity:
Metrics, Innovations, and Perspectives for Sustainable Agri-Food Systems

18 September 2024



INITIATIVE ON
Agroecology



Food and Agriculture
Organization of the
United Nations



Matthias Geck

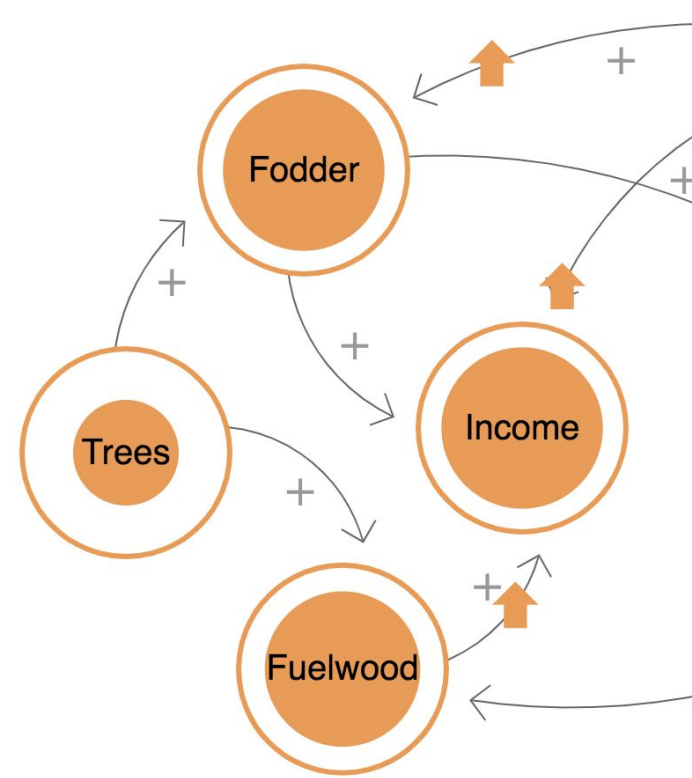
Levelling the playing field


A key challenge to up-scaling agroecology is providing policymakers, donors, development actors and farmers with ways of measuring performance that **allow fair comparison** with alternatives.

Agri-food systems are complex, measuring them isn't easy.

Dominant practice has been to **measure a narrow set of metrics** focusing on economic performance and productivity.

But agroecological systems provide environmental and social benefits, not only economic ones!







The slide features a light blue background with a faint, stylized illustration of a rural landscape on the right, showing a sun, trees, and a field. On the left, there is a vertical stack of logos: the Agroecology TPP logo (a green circle with a white figure and the text 'Agroecology TPP'), the ICARDA logo (a green and orange geometric shape with the text 'ICARDA' and 'International Center for Agricultural Research in the Dry Areas' below it), and the IDRC · CRDI logo (a blue and red geometric shape with the text 'IDRC · CRDI' and 'Canada' below it). The main title 'Holistic Performance Measurement for Food Systems Transformation' is centered in a large, bold, black font. Below the title, the subtitle 'A scoping study in Burkina Faso, Ghana, and Tunisia' is written in a smaller, italicized black font. At the bottom right, the names 'Matthias Geck & Mary Crossland' are listed in a black font.


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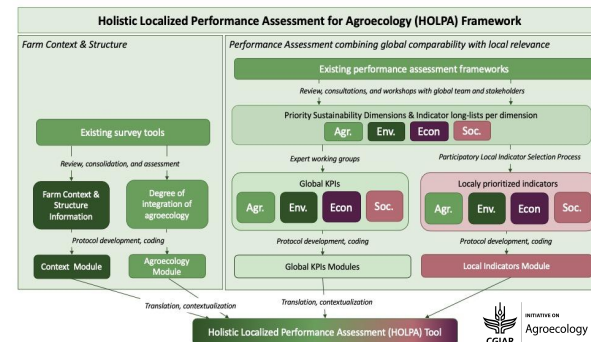
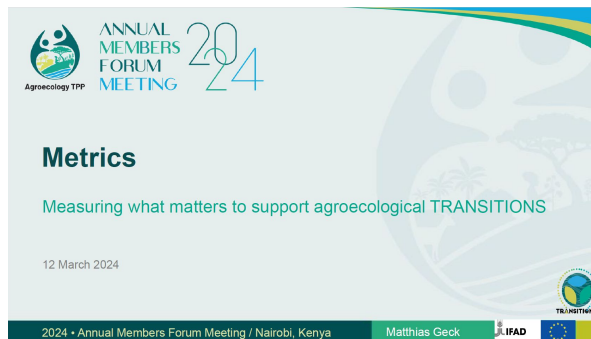
Holistic Performance Measurement for Food Systems Transformation


A scoping study in Burkina Faso, Ghana, and Tunisia

 **ICARDA**
International Center for Agricultural Research in the Dry Areas

 **IDRC · CRDI**
Canada

Matthias Geck & Mary Crossland






Agroecology TPP

Measuring Agroecology and its Performance (MAP)

Introduction to the collaborative MAP project at the inception meeting in Nairobi

21 June 2023






EiFOR




World Agroforestry




CIRAD



Stats4SD



Food and Agriculture Organization of the United Nations



GIZ

Matthias Gek



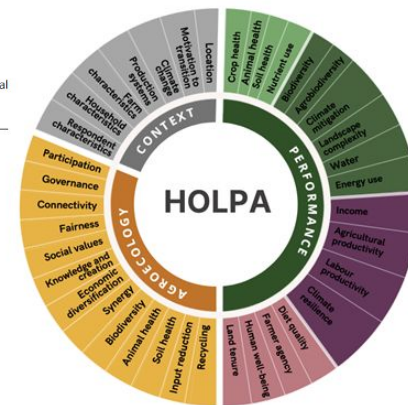
Moeller, NI, et al. 2023. Measuring agroecology: Introducing a methodological framework and a community of practice approach. *Elem Sci Anth*, 11: 1. DOI: <https://doi.org/10.1525/elementa.2023.00042>

Outlook on Agriculture
Volume 52, Issue 3, September 2023, Pages 349-359
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<https://doi.org/10.1177/00307270231196309>

Sage Journals

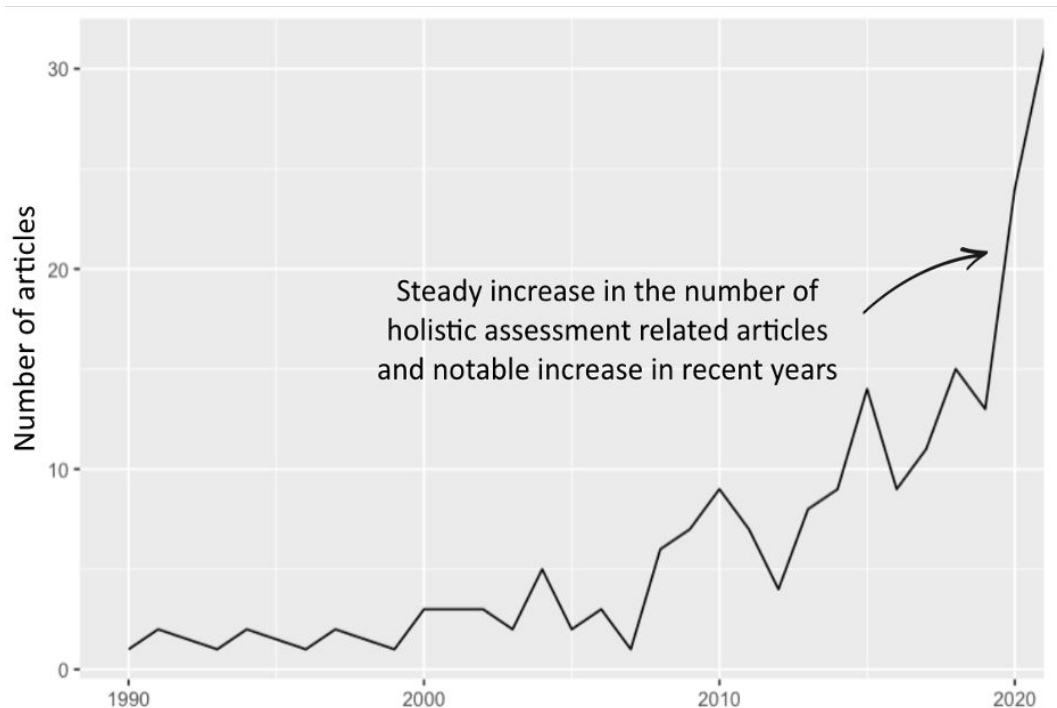
Perspectives

Measuring agroecology and its performance: An overview and critical discussion of existing tools and approaches

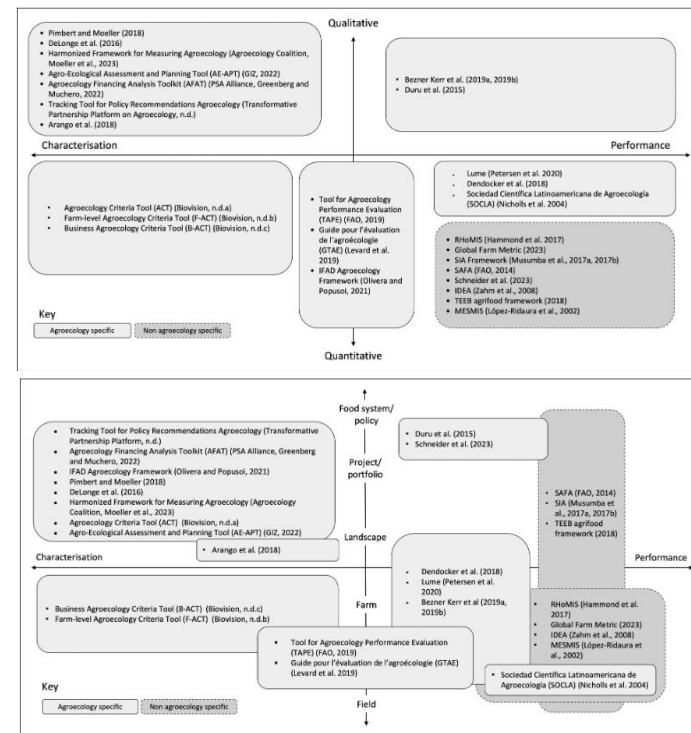


Agroecology Transformative Partnership Platform

No silver bullets: Diverse objectives and approaches



Crossland et al. Forthcoming. *Measuring the Holistic Performance of Food and Agricultural System: A Systematic review*. Frontiers in Sustainable Food Systems



Outlook on Agriculture
Volume 52, Issue 3, September 2023, Pages 349-359
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Perspectives

Measuring agroecology and its performance: An overview and critical discussion of existing tools and approaches

Agroecology Transformative Partnership Platform



Agroecology TPP

Key ingredients for holistic assessments



Developing holistic assessments of food and agricultural systems

A meta-framework for metrics users

Christine Lamanna
Richard Coe
Mary Crossland
Lisa E. Fuchs
Carlos Barahona

Brian Chiputwa
Levi Orero
Beatrice Adoyo
Matthias Geck

WORKING PAPER 4

JANUARY 2024

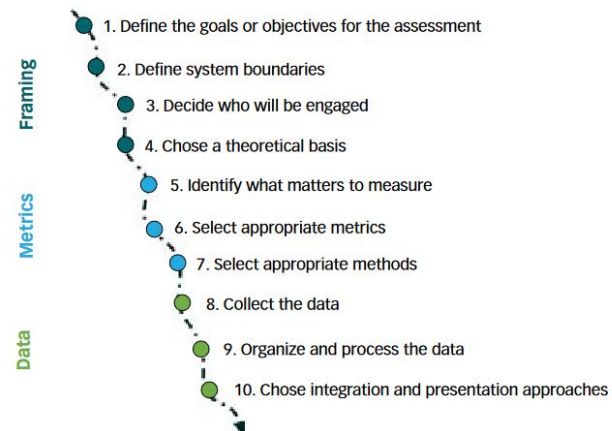
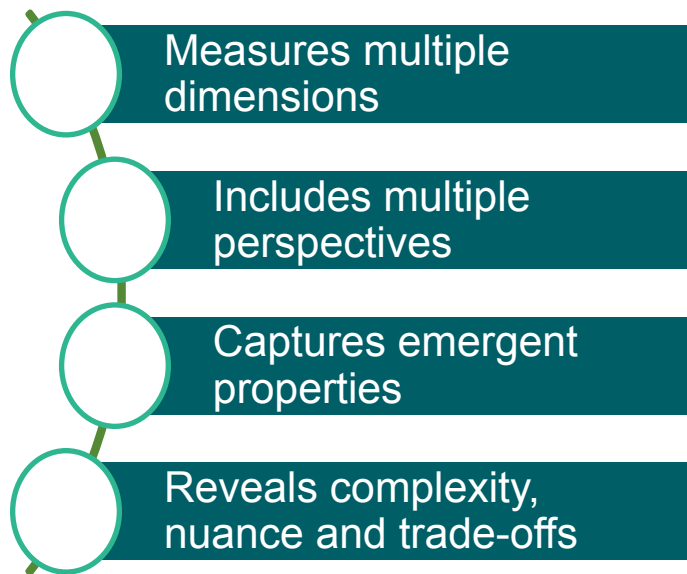
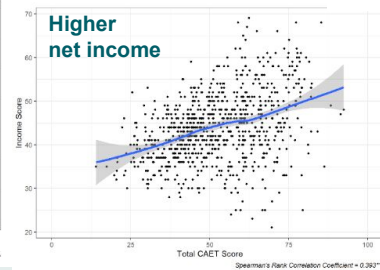
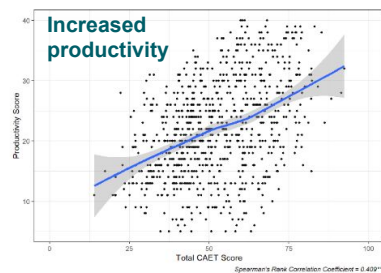
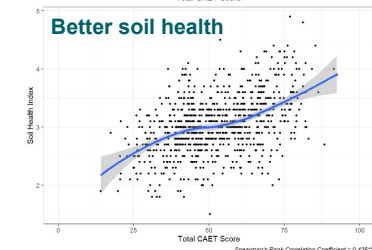
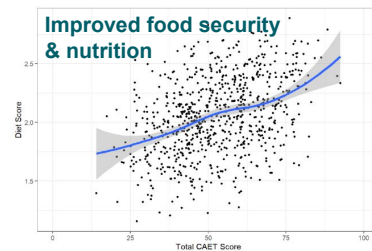
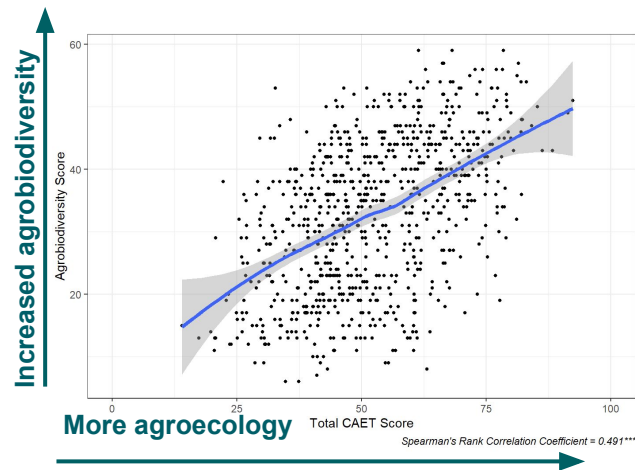
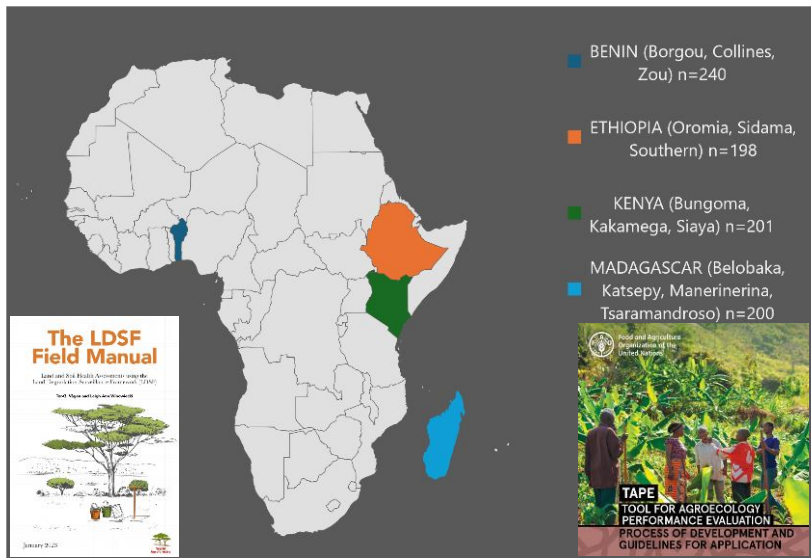


Figure 5. The ten steps for designing a holistic assessment system



Advancing agrobiodiversity by fostering agroecological transitions





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bit.ly/AgEc_TPP

Thank you!



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