



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

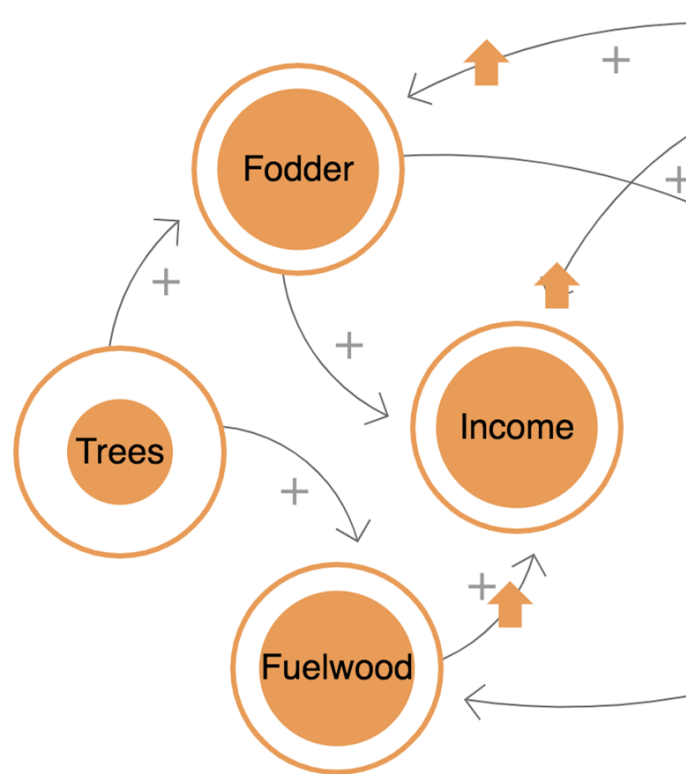
Levelling the playing field

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 'Metrics Domain' of the Agroecology TPP



Holistic Performance Measurement for Food Systems Transformation

A scoping study in Burkina Faso, Ghana, and Tunisia




Matthias Geck & Mary Crossland



ANNUAL MEMBERS FORUM MEETING 2024

Metrics

Measuring what matters to support agroecological TRANSITIONS

12 March 2024

2024 • Annual Members Forum Meeting / Nairobi, Kenya



Matthias Geck

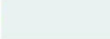


Measuring Agroecology and its Performance (MAP)

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

21 June 2023









Matthias Geck



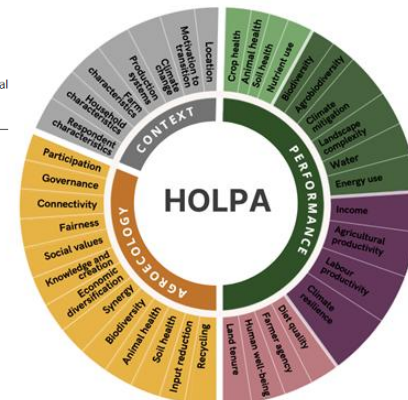
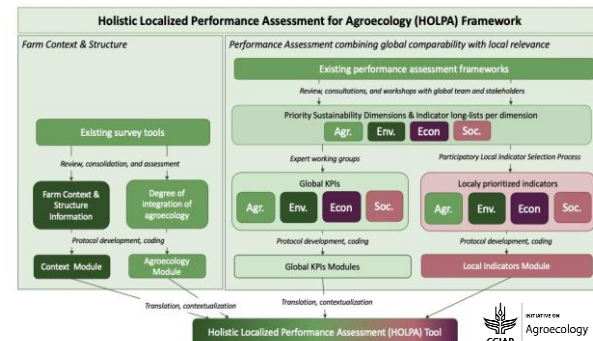
Moeller, Nl. et al. 2023. Measuring agroecology: Introducing a methodological framework and a community of practice approach. *Elem Sci Anth*, 11: 1. DOI: <https://doi.org/10.1525/elementa.2023.00042>

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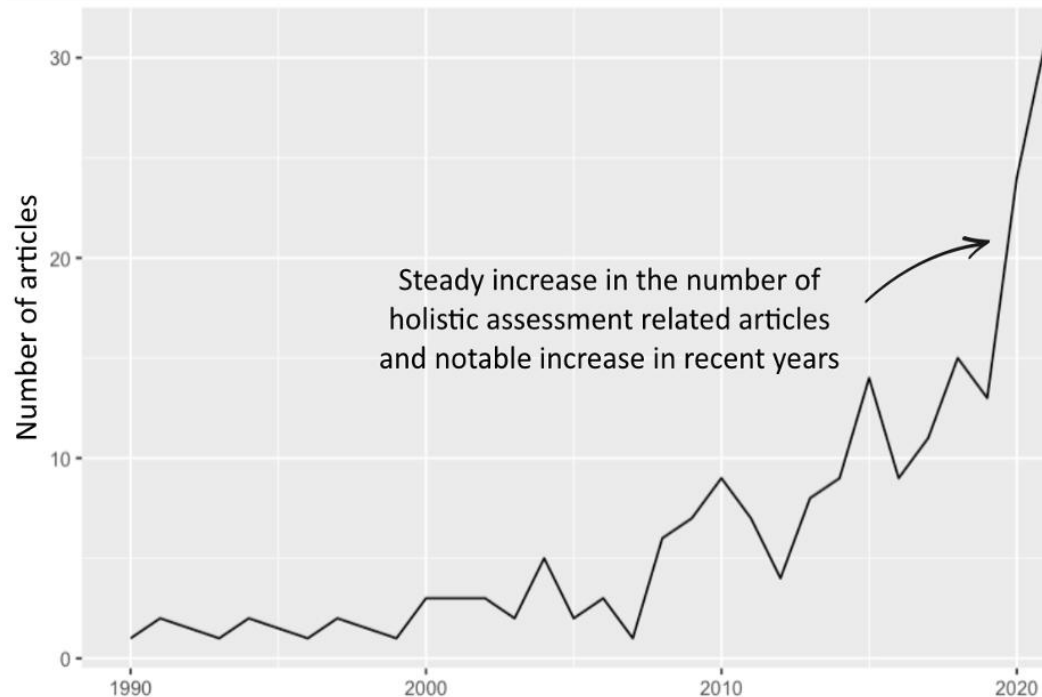
Perspectives

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

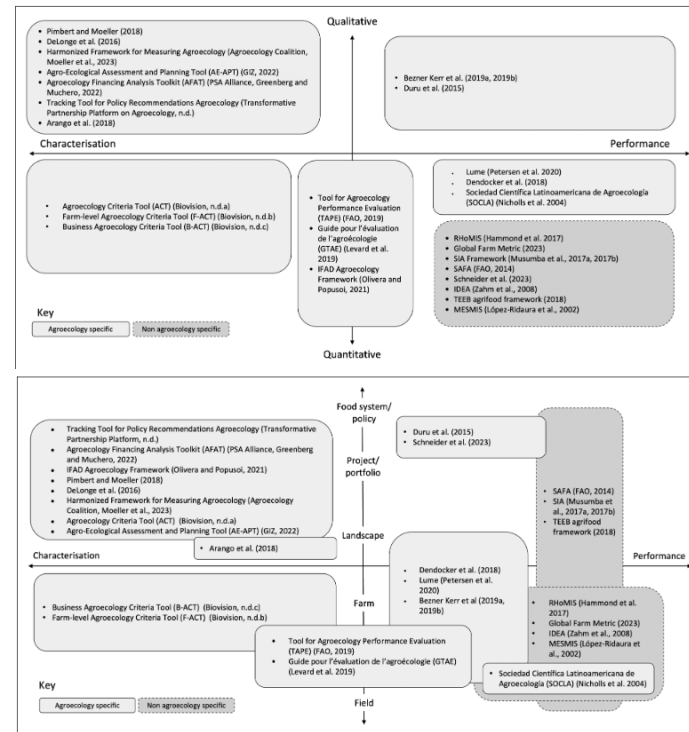


Agroecology Transformative Partnership Platform

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



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Perspectives

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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

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Mary Crossland
Lisa E. Fuchs
Carlos Barahona

Brian Chiputwa
Levi Orero
Beatrice Adoyo
Matthias Geck

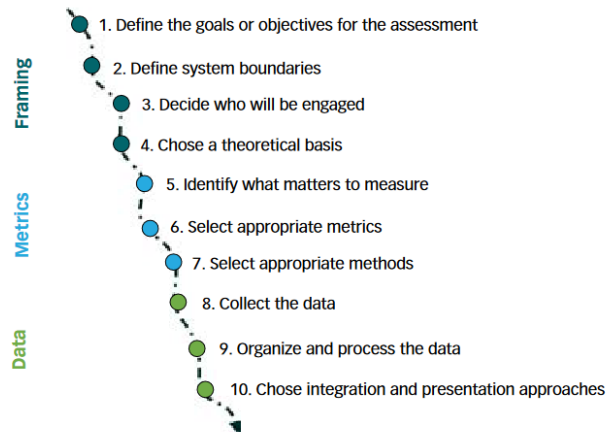
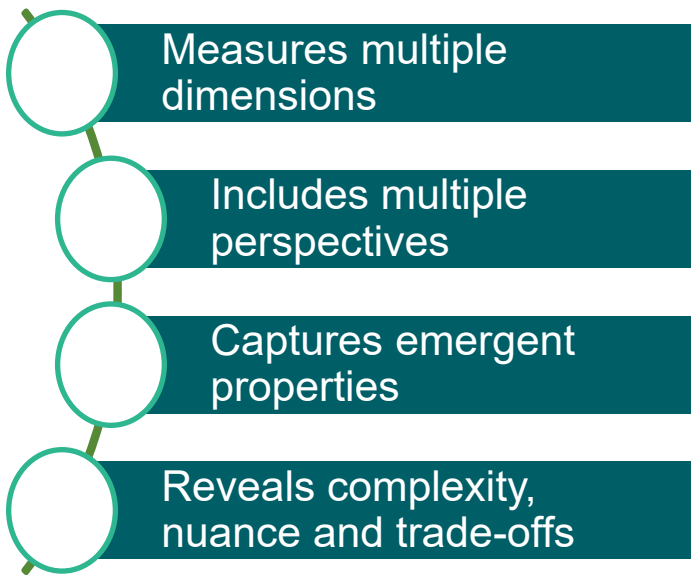
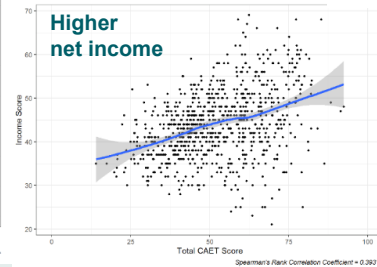
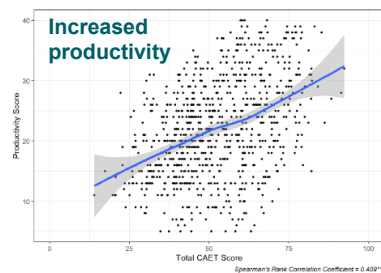
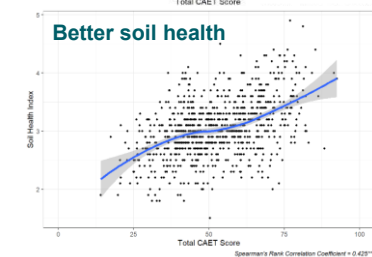
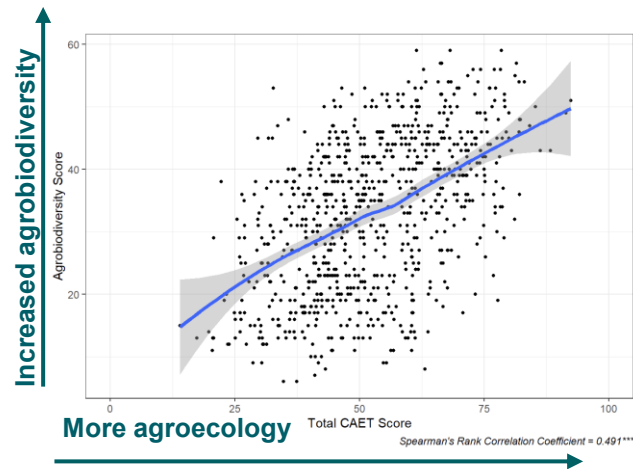
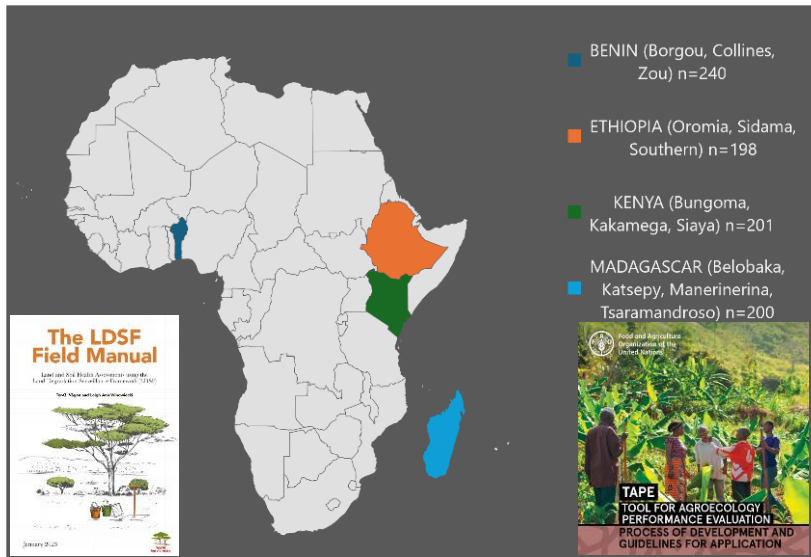


Figure 5. The ten steps for designing a holistic assessment system

Advancing agrobiodiversity by fostering agroecological transitions





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bit.ly/AgEc_TPP

Thank you!



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