

What makes impact research challenging?

- What have been done so far?
- Results from CGIAR research

The case of **landscape** approaches

Lessons learned from a selfreflection year funded by WLE

Natalia Estrada Carmona 27 September 2021

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A HOLISTIC VIEW

Metrics monitored at the level of a village or watershed (at the landscape scale) can be integrated with data collected from individual farms, as well as regions, nations and continents. This will inform local and global models, help researchers to make cross-site comparisons and lead to evidence-based food policy.



Terry Sunderland

Reflections from

- **Surveys** with CGIAR researchers working and not working at the landscape level (122)
- Surveys characterizing landscape approaches supported/partnered by CGIAR (23)
- Discussions (podcasts) with researchers, webinars on landscape approaches
- One **meta-analysis** assessing agricultural landscape complexity and biodiversity associations (screened 606 articles, included 134 articles)

CGIAR is contributing and engaging in integrated landscape approaches worldwide, but

CGIAR Contributions to landscape agronomy (science borne in 2012) is negligible

Limitations to conducing systems-thinking research are not only on-site but also a cultural change is needed

CGIAR is contributing and engaging in integrated landscape approaches worldwide... through **multiple** CRPs





Cross Research Programs

CGIAR is contributing and engaging in integrated landscape approaches worldwide... and these complex/systems approaches <u>demand</u>



System/landscape performance metrics - often missing or undervalued

- Metrics on human capacity building and governance strengthening (process)?
- Metrics measuring the impact of human wellbeing, ecological performance, sustainable agriculture, governance?
- Cross-learning opportunities?

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CGIAR is contributing and engaging in integrated landscape approaches worldwide .. But CGIAR's **role** is different..



CGIAR is contributing and engaging in integrated landscape approaches worldwide ... But there are **internal** limiting factors to contributing to systems-approaches

- Dominance of **silo/field** planning for agriculture (reluctance to change)
- CRPs budget design reinforce unhealthy competition instead of collaborative work across centers and disciplines
- Systems-approaches requires new set of skills and mind-set need of training or bringing these on board
- Systems-approaches require **long term** on-ground engagement, how to overcome the short-term planning of CGIAR projects?
- Value and highlight more the value of **investing** on human capacity and governance (currently is technology centered).

Increasing systems-research impact demands constant innovation, crosslearning, and collaboration – what on-site and institutional performance metrics would help tracking that our research stay connected and relevant?



Thanks!

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