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Recent breakthroughs in recognition for Organic farming & Agroecology



⇒ 50 nations (incl. TZ + DK)
⇒ 150+ intl. partners

IPCC, FAO and World Food Security Committee point to organic + agroecology's contribution to Feeding the world (Food Security)

While at the same time providing benefits for:

Biodiversity
Soil Regeneration
Clean Water

Climate resilience
Reduced pesticide exposure
Farm incomes & rural economies

Can Organic Farming/Agroecology feed the world?

Science says **yes!**

- ❖ In a 2021 meta study analyzing a total of 11,771 articles, a majority of studies (78%) found evidence of **positive outcomes in the use of agroecological practices on food security and nutrition of households in low and middle-income countries**. *Crop diversity gave better nutrition.*
- ❖ A study based on **long-term trials** in diverse agroecological systems ranging from semi-arid climate in India to sub-humid highlands of Kenya and humid tropics of Bolivia found **higher productivity** than in conventional systems.
- ❖ Comparative studies show that diverse organic/agroecological farms **can give on average 16% higher total yields than cash crop monocultures**.
- ❖ **In the global south, where most hunger is found**, organic systems outperformed conventional **by as much as 80%**. A global database study showed that organic methods could produce enough food on a global per capita basis to sustain the current human population, and potentially a larger population, without using more land.

Bezner Kerr R. & al., 2021, « Can agroecology improve food security and nutrition? », Global Food Security. <https://www.sciencedirect.com/science/article/abs/pii/S221191242100050X>.
Bhullar, G. S., et al (2021). What is the contribution of organic agriculture to sustainable development? A synthesis of twelve years (2007–2019) of the “long-term farming systems comparisons in the tropics (SysCom)”, https://knowledge4policy.ec.europa.eu/sites/default/files/Syscom_Synthesis_Report_01.pdf.
D'Annolfo, R., Gemmill-Herren, B., Graeub, B. & Garibaldi, L. A. [A review of social and economic performance of agroecology](#). Int. J. Agric. Sustain. 15, 632–644 (2017).
[Organic agriculture and the global food supply. Renewable Agriculture and Food Systems](#) (Badgley et al., 2007).
DeSIRA LIFT (2024): What agroecology brings to food security and ecosystem services: a review of scientific evidence [Researchgate.net/378315503](https://www.researchgate.net/publication/378315503)

But we have much work to do!

We need investments in:

- ❑ Spreading knowledge of organic practices
- ❑ Development of markets for organic products
- ❑ Supply chain development
- ❑ Research to improve our indigenous seeds, fertilizers & practices
- ❑ Capacity building in frontline organic organizations
- ❑ Development of strong national organic policy frameworks

Join us tomorrow in our afternoon session “Organic Policy Breakthroughs around the world!”

Thank
you for
Listening

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