

Learning Event
*Stabilising Food Systems in a Poly-Crisis:
The Countercyclical Role of Public Development Banks
in Response to the Persian Gulf Crisis*

13 May 2026 | 15:00-16:30 CEST



AGROECOLOGY AS A RESILIENT RESPONSE TO CRISIS

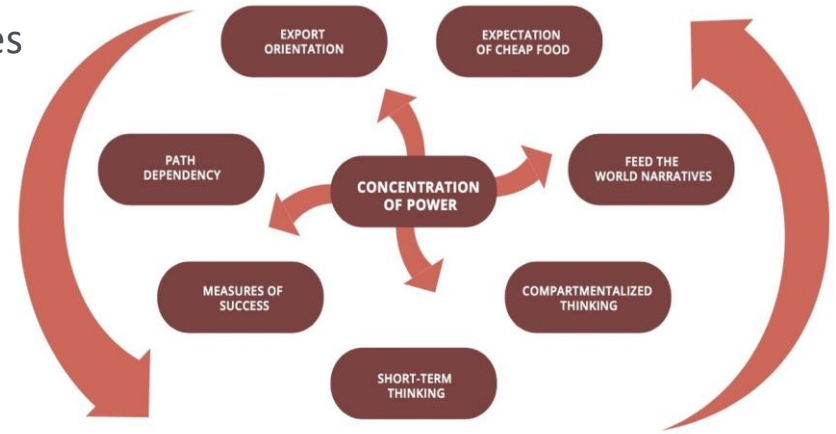


www.agroecology-coalition.org

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Current food systems are not sustainable

- Produce about 1/3 of greenhouse gases
- Are responsible for 80% of biodiversity losses
- Uses up to 70% of freshwater resources
- Pollute the soil, air and water
- Are vulnerable to climate change
- Do not address the triple burden of malnutrition
- Maintain social inequity and the loss of cultural values

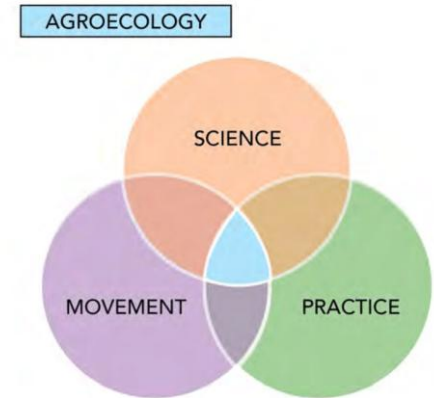


What prevents change: Lock-ins

Source: IPES-Food

AGROECOLOGY AS A PATHWAY FOR RESILIENT FOOD SYSTEMS

- Growing consensus that current food systems are in crisis while at the same time, there's need to address simultaneously climate, biodiversity, land, nutrition crises in ways that are sustainable, resilient and equitable
- Integrated and transformative, agroecology
 - Simultaneously applies ecological and social concepts and principles to the design and management of food and agricultural systems (FAO, 2019),
 - Provides sufficient, healthy diverse foods for consumption and livelihoods (Gliessman, 2014)
 - Is seen as an approach to climate change mitigation and adaptation that reduces climate risk while supporting long-term productivity and resilience of food systems by applying ecological and humanistic principles



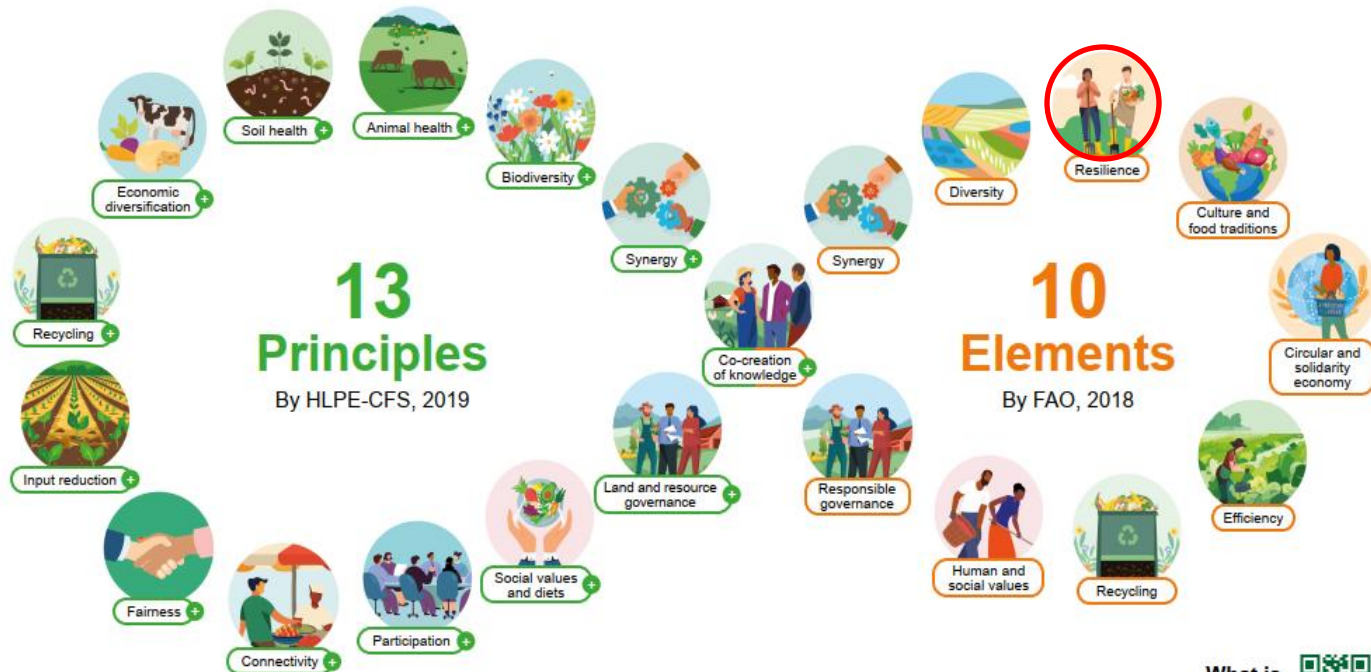
Agroecology is an integrated approach that simultaneously applies ecological and social concepts and principles to the design and management of food and agricultural systems that aims to optimize the interactions between plants, animals, humans and the environment while taking into account the social aspects that must be addressed for a sustainable and equitable food system (FAO).

Agroecology- towards the transformation of food systems

Agroecology, based on a set of principles and elements, is a transformative pathway towards sustainable food systems.

Discover its foundations through theory and practical examples!

Click on the + icon to find out more.



As you explore the infographic, you will come across the word «farmer» several times. This is often used to indicate other food producers (fisher-folks, herders...)

What is
Agroecology?





Sustainable Practices
Ecological Diversification
Reduced Input Dependency
Localized Food Networks
Social and Traditional Knowledge
Food Systems Governance



Agroecology offers several opportunities to stabilize food systems in a polycrisis.



Stakeholders push agro-ecological practice against climate change impact

By: Joke Falsafi, Abuja Date: 24 January 2023 5:00am WAT Share: Facebook Twitter LinkedIn Email Print Follow us on Google+ Disqus



IMPAKTER ENVIRONMENT FINANCE TECH INDUSTRY

Experts argue that drifting toward agroecology is vital for low-income countries facing food shortages fueled by the Ukraine crisis.

Agroecology Urged as Mideast Crisis Deepens Food Insecurity

By: Joke Falsafi, Abuja Date: 24 January 2023 5:00am WAT Share: Facebook Twitter LinkedIn Email Print Follow us on Google+ Disqus

CIP

Agroécologie : Voies possibles vers des systèmes alimentaires inclusifs et durables en Amérique latine

Un rapport de l'association de chercheurs du Réseau de l'Amérique latine pour le Développement Rural (REDAR) soutient que l'agroécologie est une voie possible vers des systèmes alimentaires inclusifs et durables en Amérique latine.

European Commission

Supporting policy with scientific evidence

We mobilise people and resources to create, curate, make sense of and use knowledge to inform policymaking across Europe.

PUBLICATION | 2020

Agroecology as an Approach to Resilient Agriculture and Food Systems: Lessons Learned and Ways Forward - Adaptation Community

Multiple crises are threatening agriculture and food systems worldwide, with smallholder farmers in the Global South bearing the brunt of the impacts. In this context, agroecology is increasingly recognised as a multi-win strategy that strengthens smallholder livelihoods while supporting biodiversity, soil health, climate adaptation and food security.

Between 2014 and 2021, the German Federal Ministry for Economic Cooperation and Development

Agroecology & climate change rapid evidence review

PERFORMANCE OF AGROECOLOGICAL APPROACHES IN LOW- AND MIDDLE-INCOME COUNTRIES

Ukraine | Small-Scale Farms Will Persist and Develop in Parallel to large-Scale Industrial Agriculture

By: Joke Falsafi, Abuja Date: 24 January 2023 5:00am WAT Share: Facebook Twitter LinkedIn Email Print Follow us on Google+ Disqus



Slow Food

Agroecology: The Path to Food System Resilience

29 Oct 2024

SEARCHA

Local Food for Local Good: Youth Action for Food Security Amidst the COVID-19 Pandemic!

By: Neep Bahari, Zora Mac C. Escobar, and Nadeem Zaman



16 DAYS OF SMALL ACTION ON AGROECOLOGY 2020 OCT 4-16

FIGHT FOOD SYSTEMS CHANGE

#BringChange #AgroEcologyNow #FoodAndAgSystem

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- COVID-19 Pandemic
- Climate Shocks & Environmental Disasters
- Ukraine Conflict & Input Crisis

GROWING EVIDENCE

- Overall favourable potential for farms to benefit from a **positive socio-econ performance** with use of AE practices (Mouratiadou, et al. 2024)
- Positive outcomes in the use of agroecological practices on **food and nutrition security** of households in low and middle-income countries (Kerr et. al. 2021).
- Strong theoretical basis and empirical evidence that **food security outcomes** are as good or sometimes even better for AE systems than conventional alternatives (Faure, et. al. 2024).
- Potential benefits of agroecology practices in **enhancing resilience, promoting sustainable agriculture**, and improving smallholder farmers' well-being (Zenda M, Rudolph M., 2024)
- Agroecological practices ... can make a significant contribution in helping low- and middle-income countries (LMICs) meet their **climate adaptation and mitigation** targets through their food systems (CGIAR, 2021).



Andhra Pradesh Community Managed Natural Farming (India)

-> 1M smallholders across 4K villages covering 500K ha = higher crop diversity, ave. 11% yields, ave. 49% net increase in income, ave 44% (average) reduction in fertilizers and pesticides

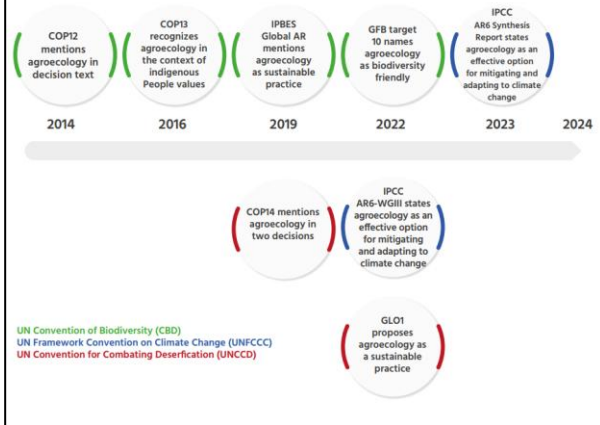
Sekem Biodynamic Farming (Egypt)

➔ Farmers transition from conventional to a more profitable, biodynamic, regenerative farming while supporting community development = 10K+ farmers; converted 40K acres of land converted to biodynamic agriculture

Many others (c: IFAD portfolio, etc.)...

GROWING POLITICAL MOMENTUM

Agroecology under the three Rio Conventions until 2023



National Agroecology Strategies global overview



GROWING POLITICAL MOMENTUM

National Agroecology Strategies global overview



As of 2026, 12 countries,
3 sub-national
governments and 3 sub-
regional institutions
adopted National
Agroecology Strategies
or Laws.

In black and white you can see countries
where Agroecology Strategies are in
progress.



