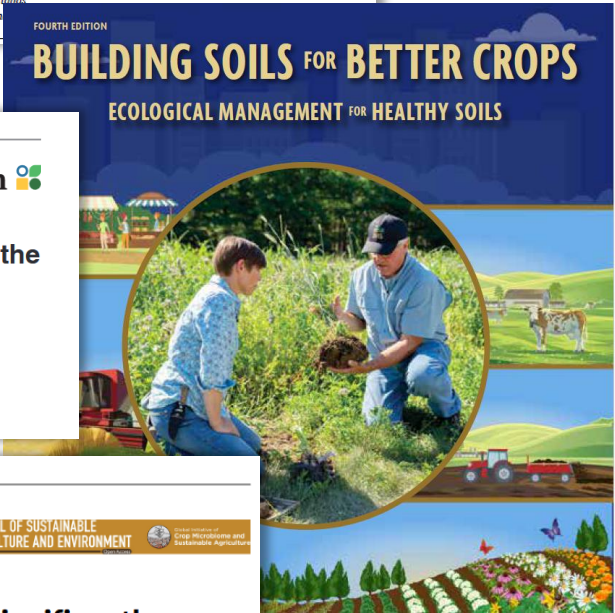


# The Role of Soils in Organic Agriculture

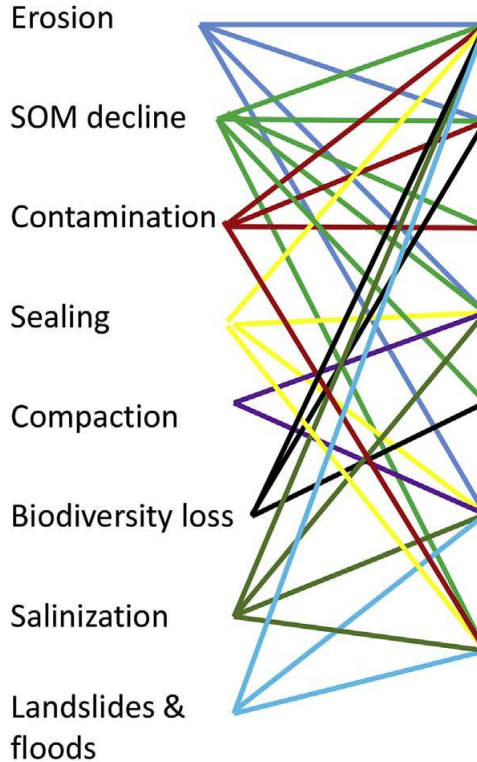




# → Soil functions & services

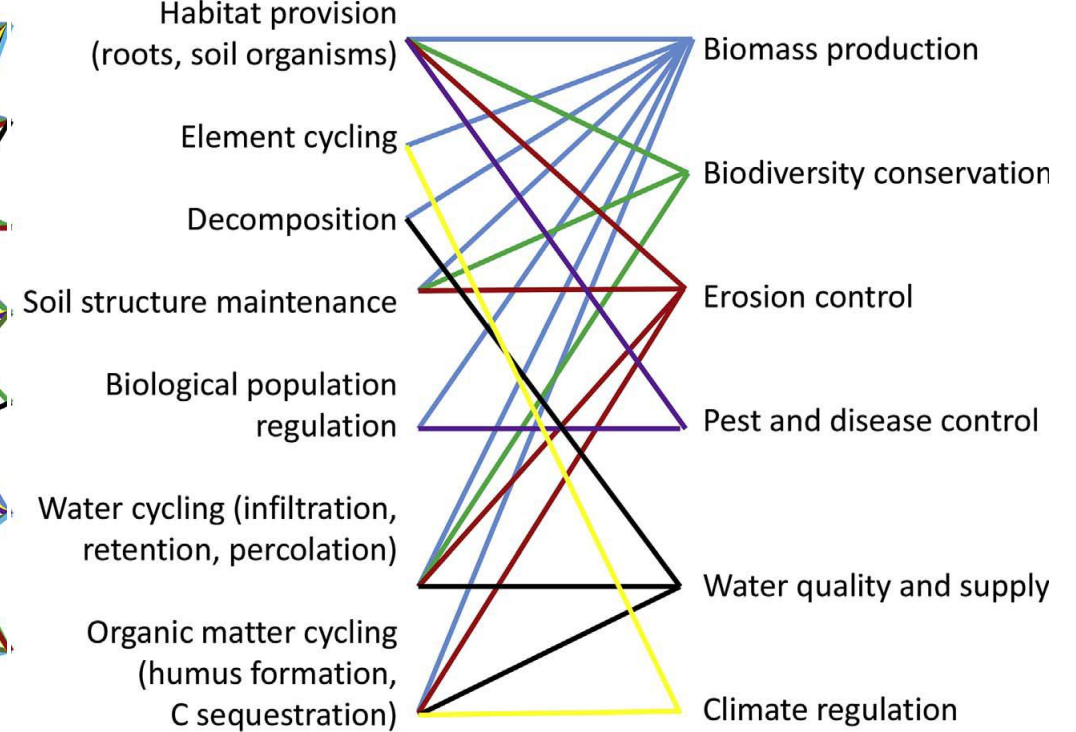


## Soil threats



## Soil functions, i.e. (bundles of) soil processes

## Soil-based ecosystem services



Bünemann 2018 Soil Quality - Linkages between soil threats, soil functions and soil-based ecosystem services. Further developed from the scheme presented by Kibblewhite et al. (2008a) and modified by Brussaard (2012).

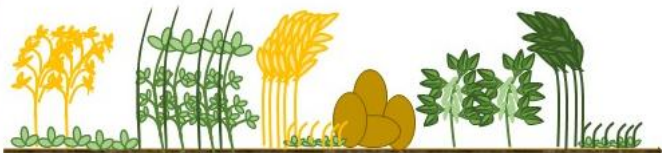
Interim report

# Role of soils in climate change mitigation

Frelih-Larsen et al 2022



# What can Organic Agriculture do for Soils?



LTE OAFEG Organic arable field experiment Gladbacherhof



Agroforestry system Gladbacherhof © Suzanne Jacobs



**Funding climate-friendly soil management**  
Appropriate policy instruments and limits of market-based approaches

Siemons et al 2025

➡ Rewarding climate-friendly practices that support co-benefits

➡ OrganicClimateNET