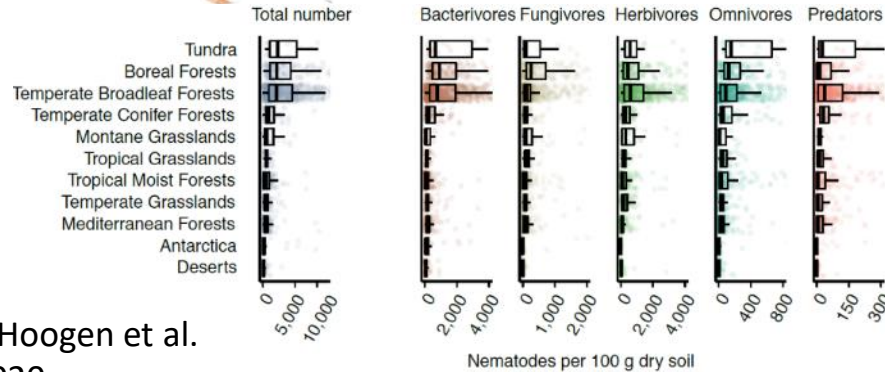
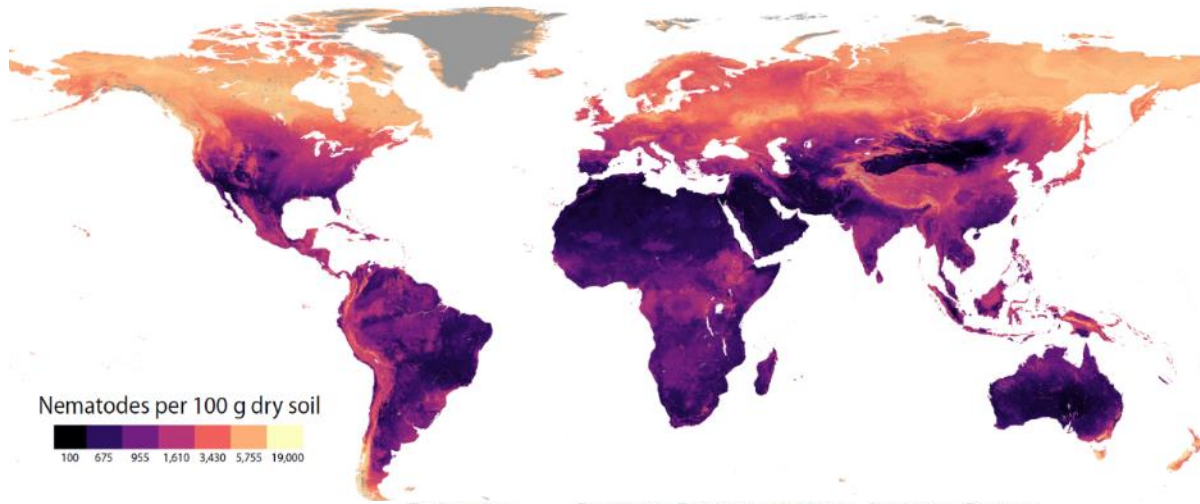


Nematode community analysis: from rhizosphere interactions to agroecosystem resilience

Sofia R. Costa

encontro
CIÊNCIA'22

Lisboa, 17 maio 2022



van den Hoogen et al.
2019, 2020

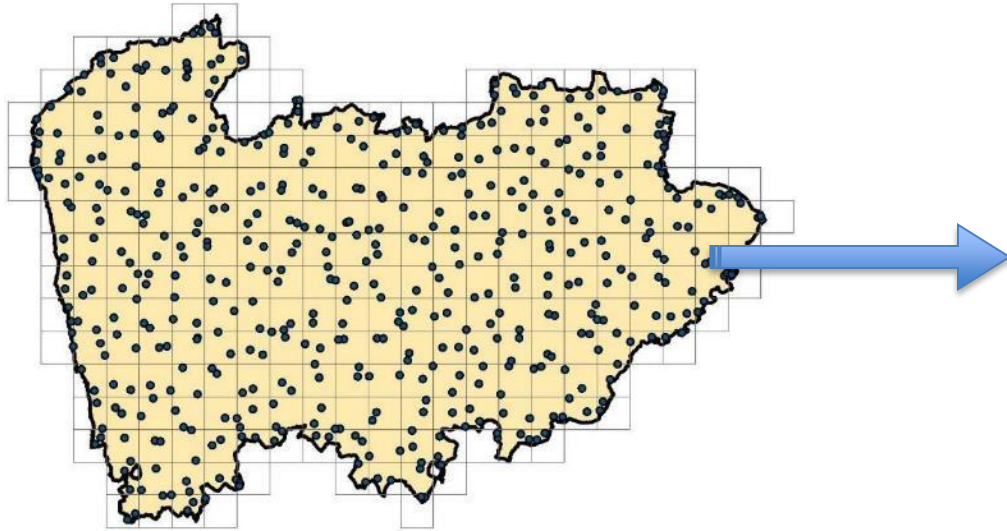
Soil nematodes are useful bioindicators

- Ubiquitous and abundant
- Present in all biomes
- Represented in all trophic levels in soil food webs
- Involved in multiple soil functions
- Literature documentation
- Standard analysis - NINJA



SoilRecon - Soil Ecosystems in the XXI Century: pressures, conservation and future scenarios

PTDC/BIA-CBI/2340/2020



An unprecedented detailed characterisation of soil functions in the North of Portugal

Integration of multiple indicators for each land use and site

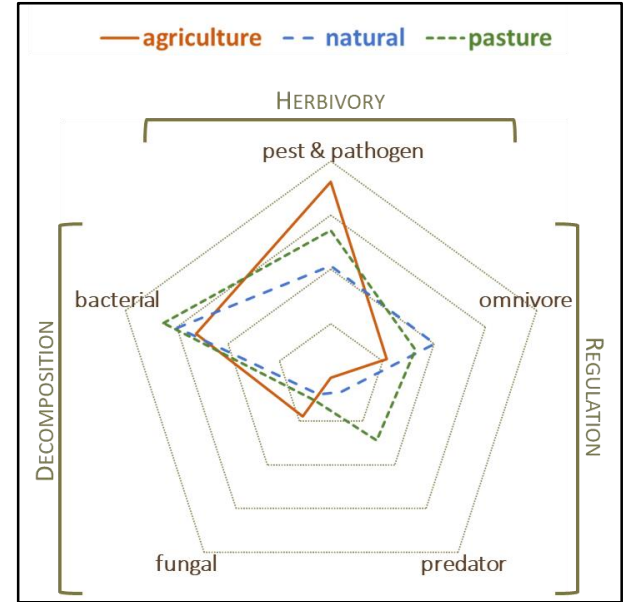
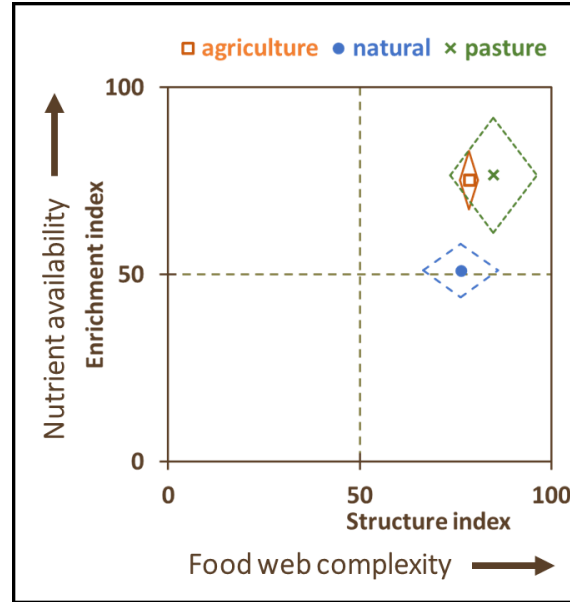


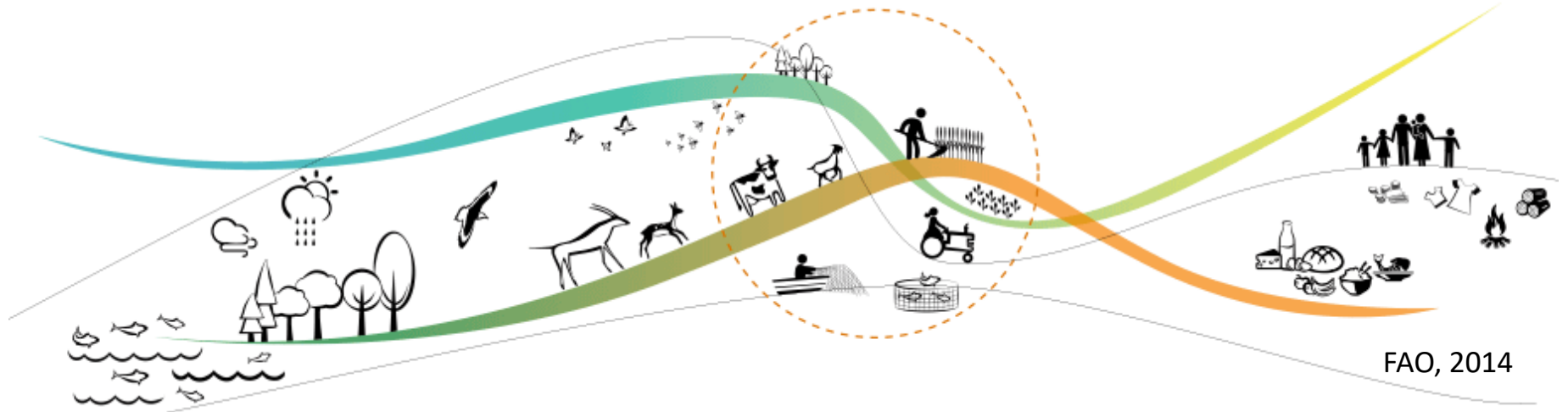
Barroso agro-sylvo-pastoral system -case study-



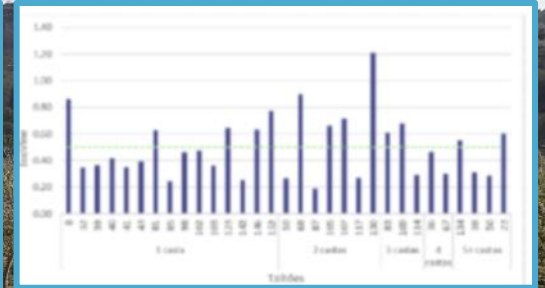
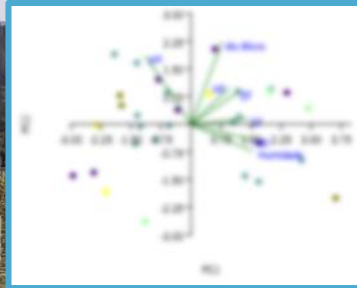
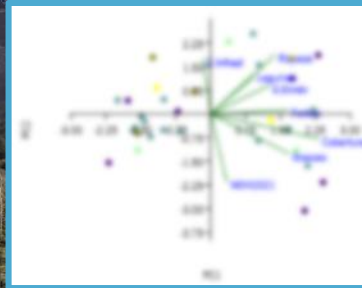
Food and Agriculture
Organization of the
United Nations

Globally Important
**AGRICULTURAL
HERITAGE**
Systems





Adaptation and development of **sustainability and resilience evaluation** of agroecosystems



Thank you for your attention



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