

FAB4FARMING : ROLE OF FUNCTIONAL AGROBIODIVERSITY FOR SUSTAINABLE FARMING

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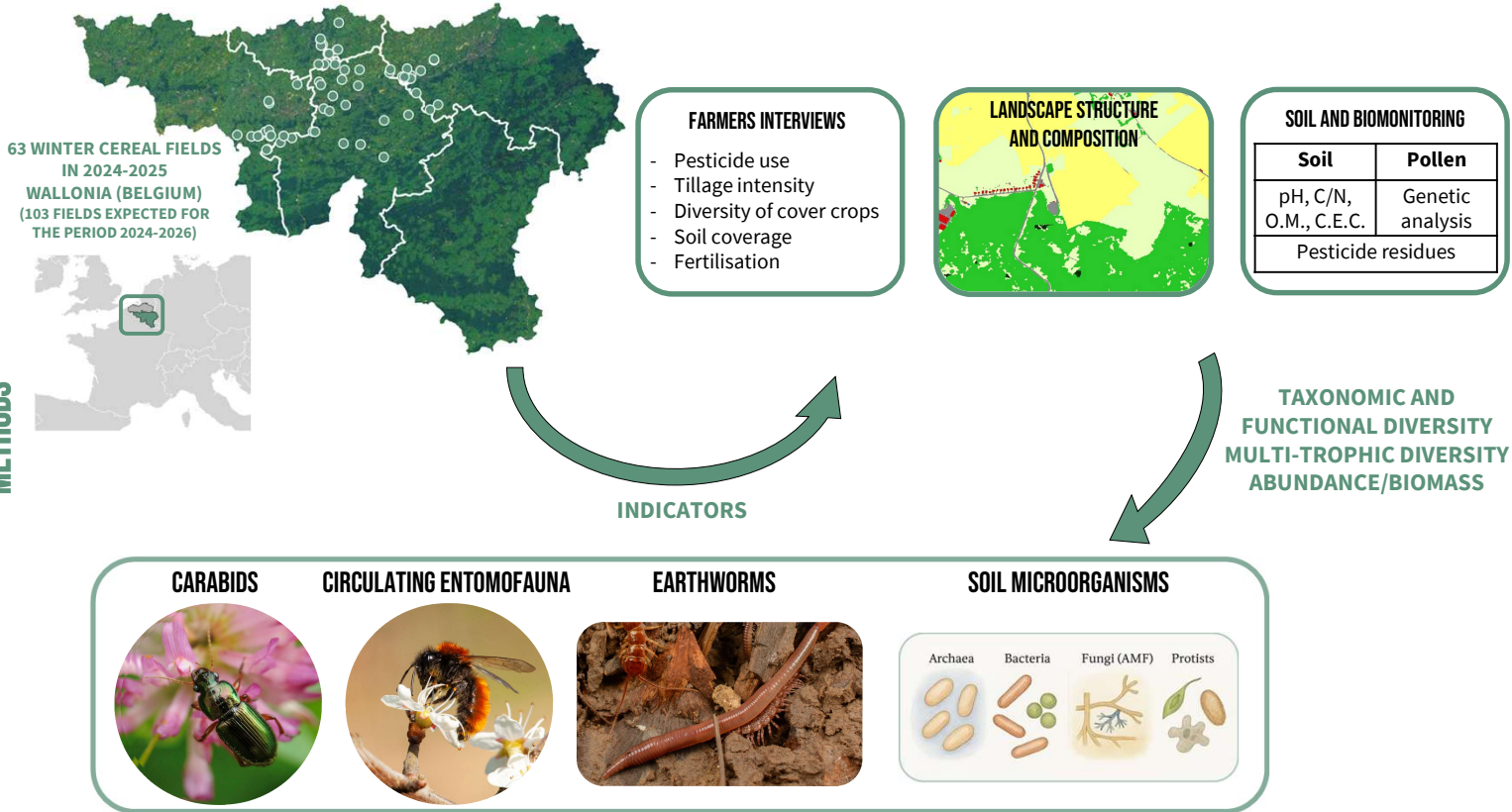
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OBJECTIVES

The FAB4Farming (Functional Agrobiodiversity for Farming) research project seeks to understand:

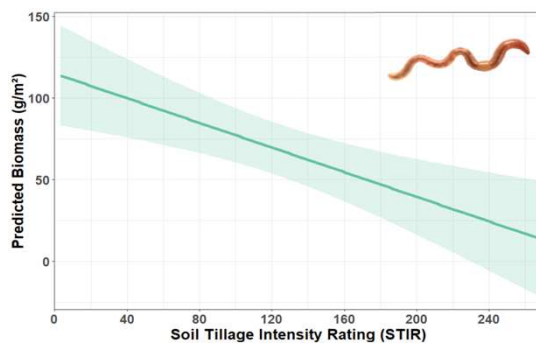
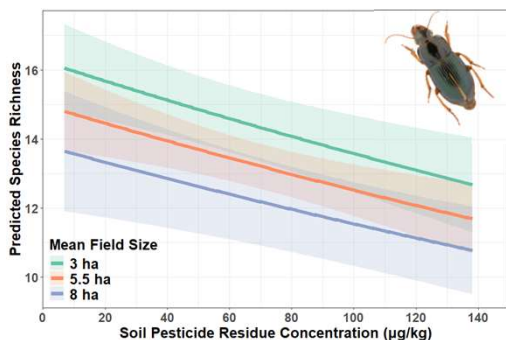
- How agricultural practices, landscape characteristics, and climate shape functional agrobiodiversity ?
- How can we shift from broad farming systems categories to gradient-based analysis using precision assessment indicators ?

METHODS



PRELIMINARY RESULTS AND DISCUSSION

PRELIMINARY RESULTS ON CARABID AND EARTHWORM DIVERSITY



DISCUSSION

- Increasing soil pesticide residue concentrations and larger field sizes both significantly reduce carabid species richness.
- Higher tillage intensity diminishes significantly earthworm biomass.
- Our preliminary results underscore the benefits of low-input and reduced-disturbance for maintaining functional agrobiodiversity.
- Results from 2025 and 2026 will provide a broader understanding of the full list of indicators shaping functional biodiversity.

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