



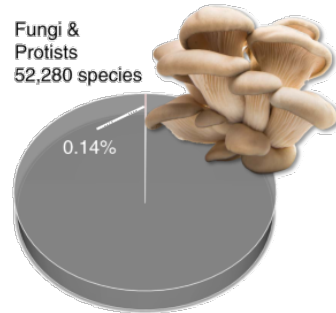
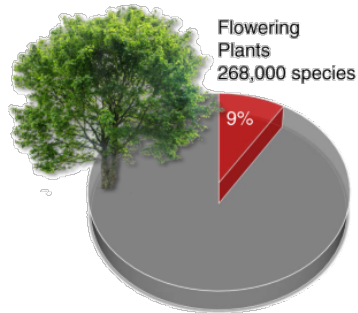
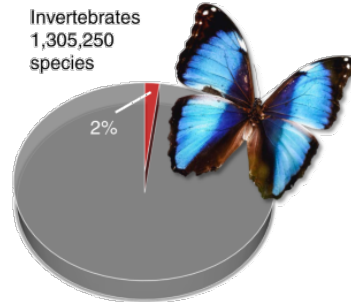
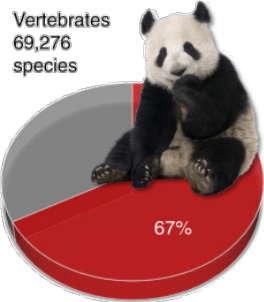
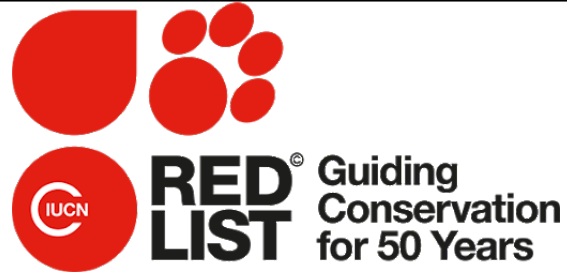
**iDiv**

German Centre for  
Integrative Biodiversity Research (iDiv)  
Halle-Jena-Leipzig

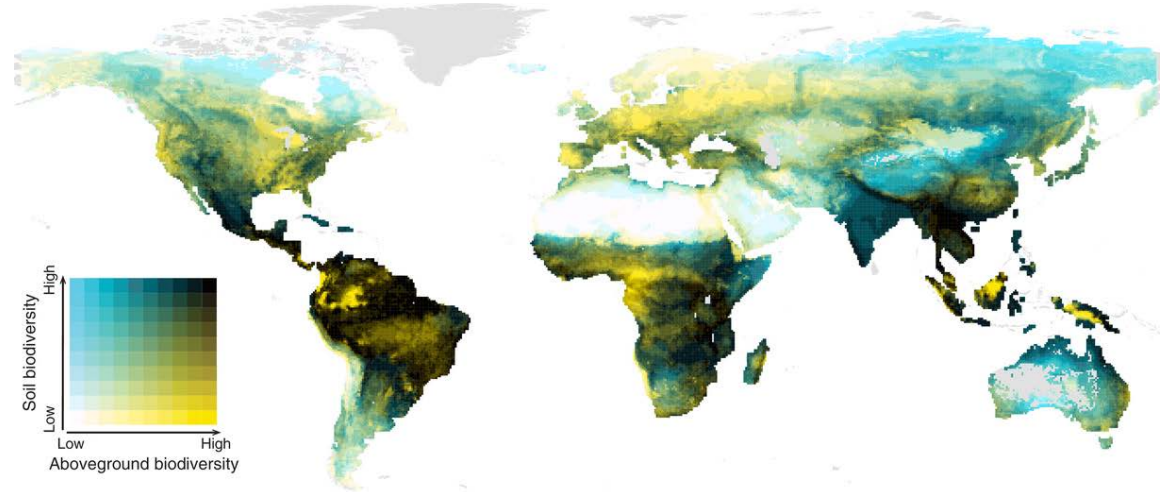
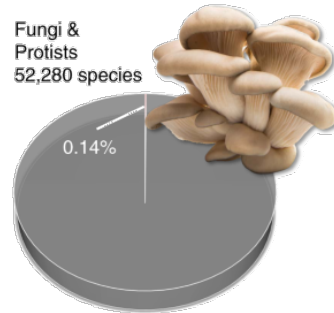
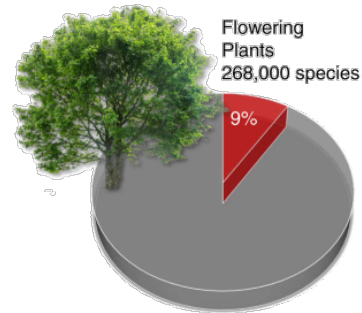
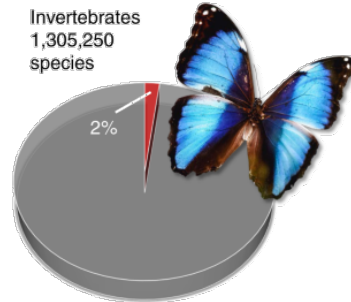
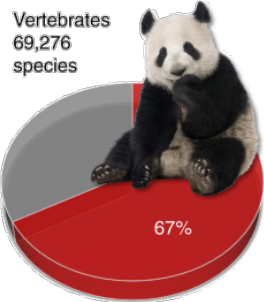
# International cooperation as basis for the conservation of soil biodiversity worldwide

Carlos Guerra

*Experimental Interaction Ecology*



Eisenhauer, et al. (Nat. Comm.) 2019

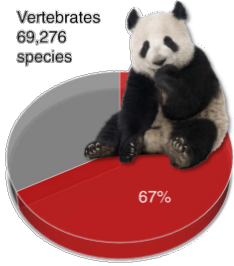


Eisenhauer, et al. (Nat. Comm.) 2019

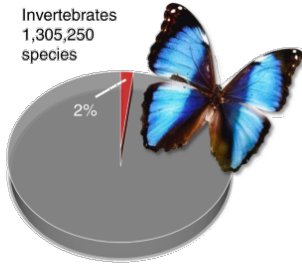
Cameron, et al. (Cons.Biol.) 2019



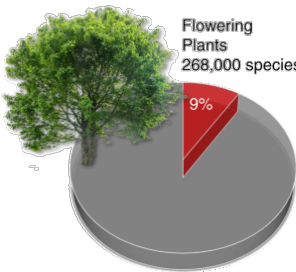
Vertebrates  
69,276  
species



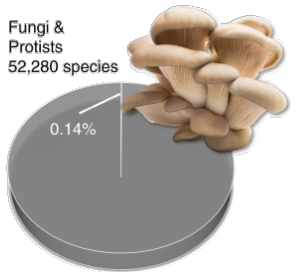
Invertebrates  
1,305,250  
species



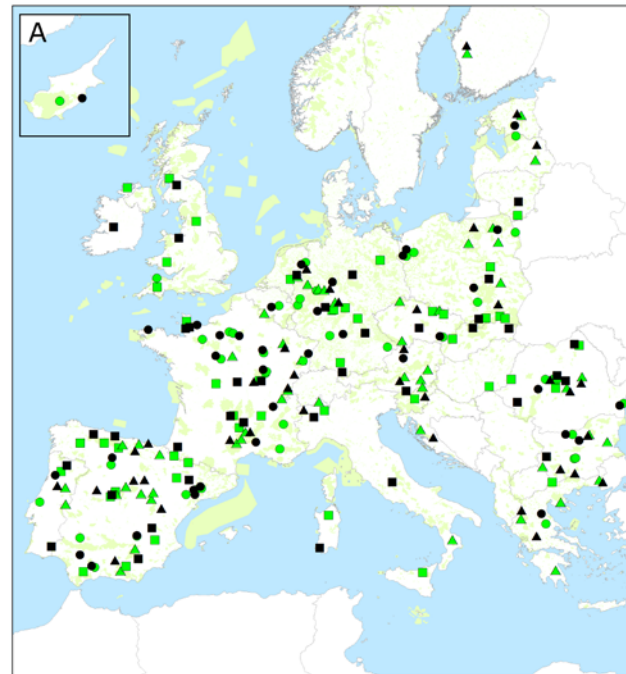
Flowering  
Plants  
268,000 species



Fungi &  
Protists  
52,280 species

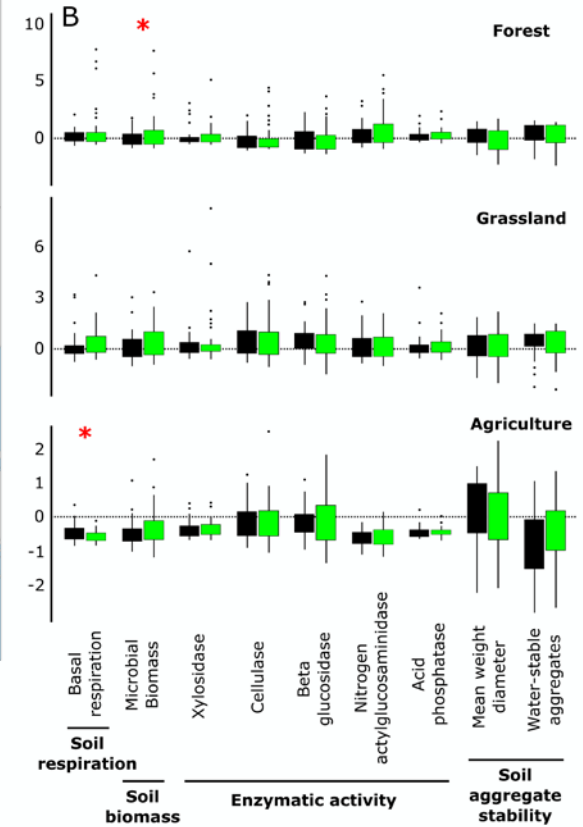


Eisenhauer, et al. (Nat. Comm.) 2019

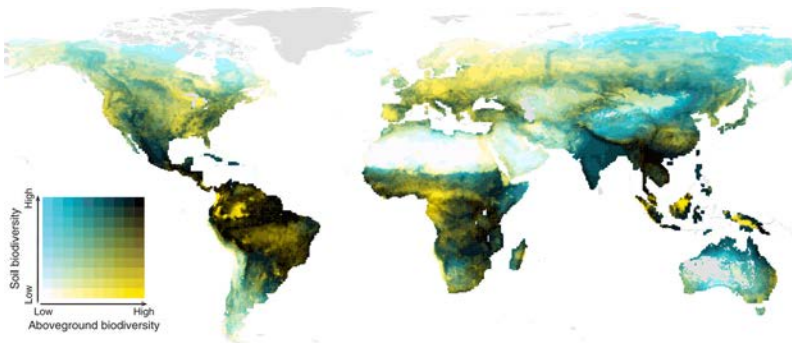


Non-conservation areas      Conservation areas      Nationally Designated Conservation Areas

■      ■      Grassland (49 paired sites)  
●      ●      Agriculture (39 paired sites)  
▲      ▲      Forest (53 paired sites)



Zeiss, et al. (in rev.)



Cameron, et al. (Cons.Biol.) 2019

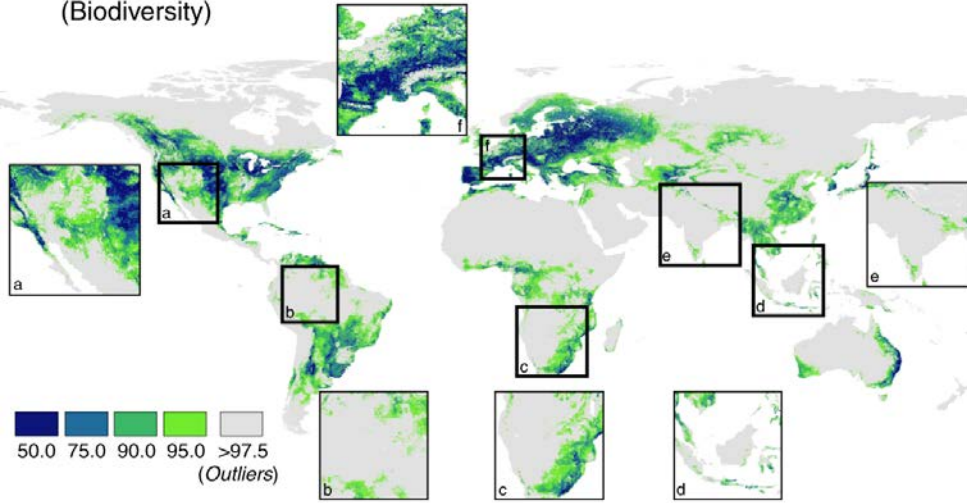


ARTICLE

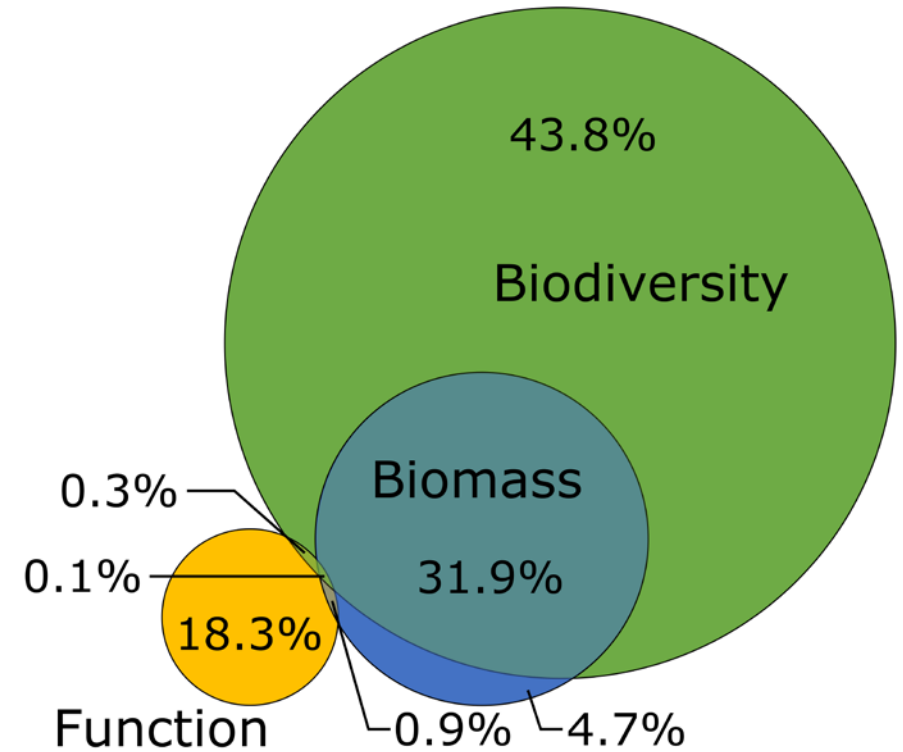
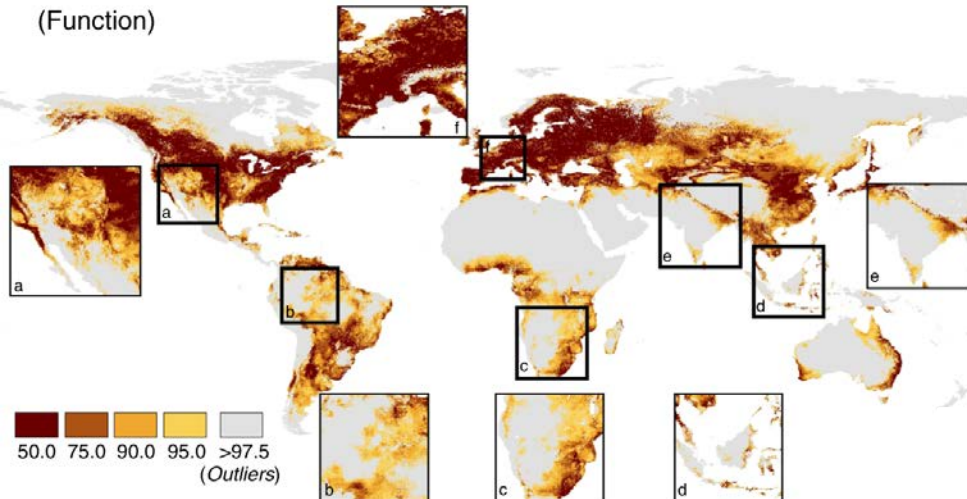
<https://doi.org/10.1038/s41467-020-17688-2> OPEN

## Blind spots in global soil biodiversity and ecosystem function research

(Biodiversity)



(Function)



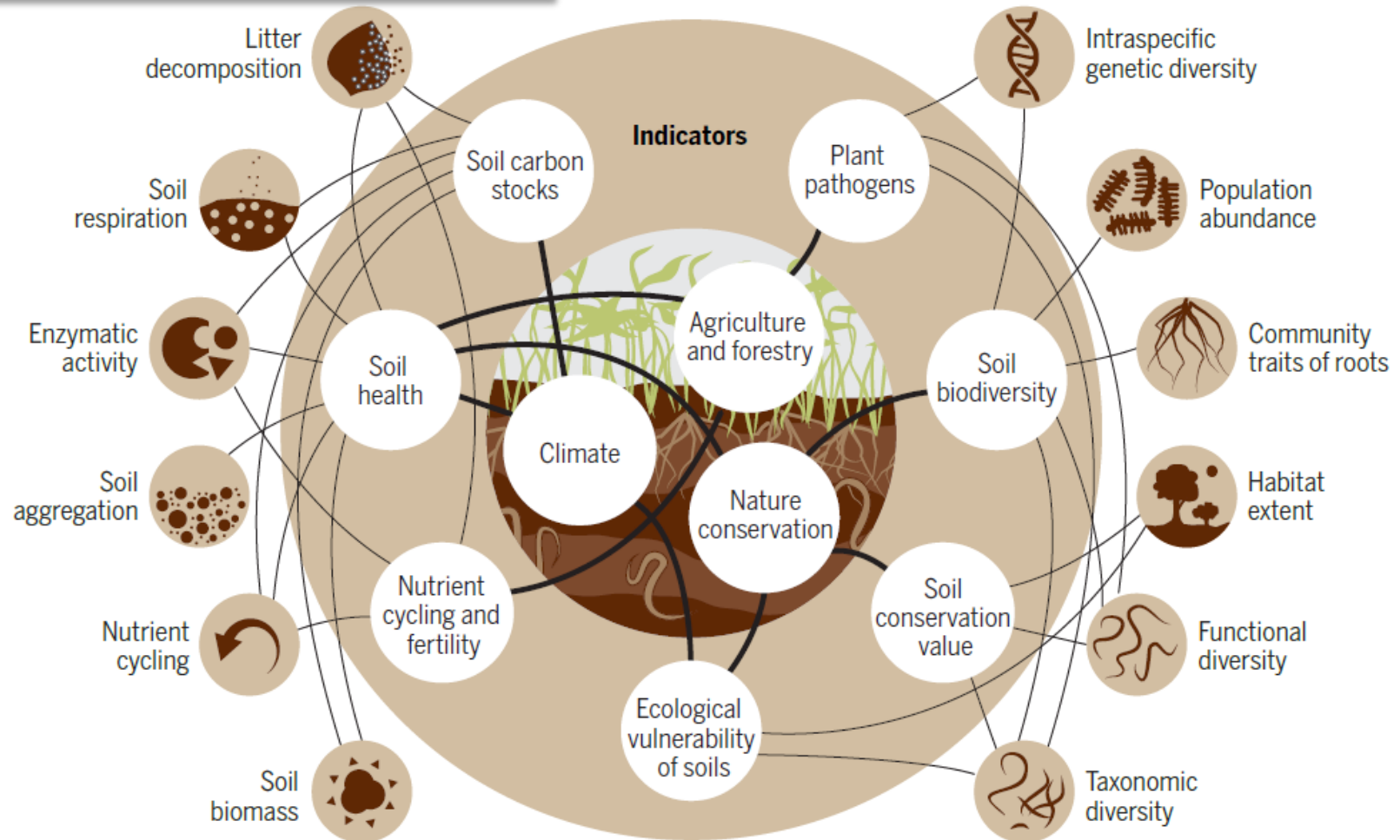




BIODIVERSITY

## Tracking, targeting, and conserving soil biodiversity

A monitoring and indicator system can inform policy



from **Concepts** to **Action!**

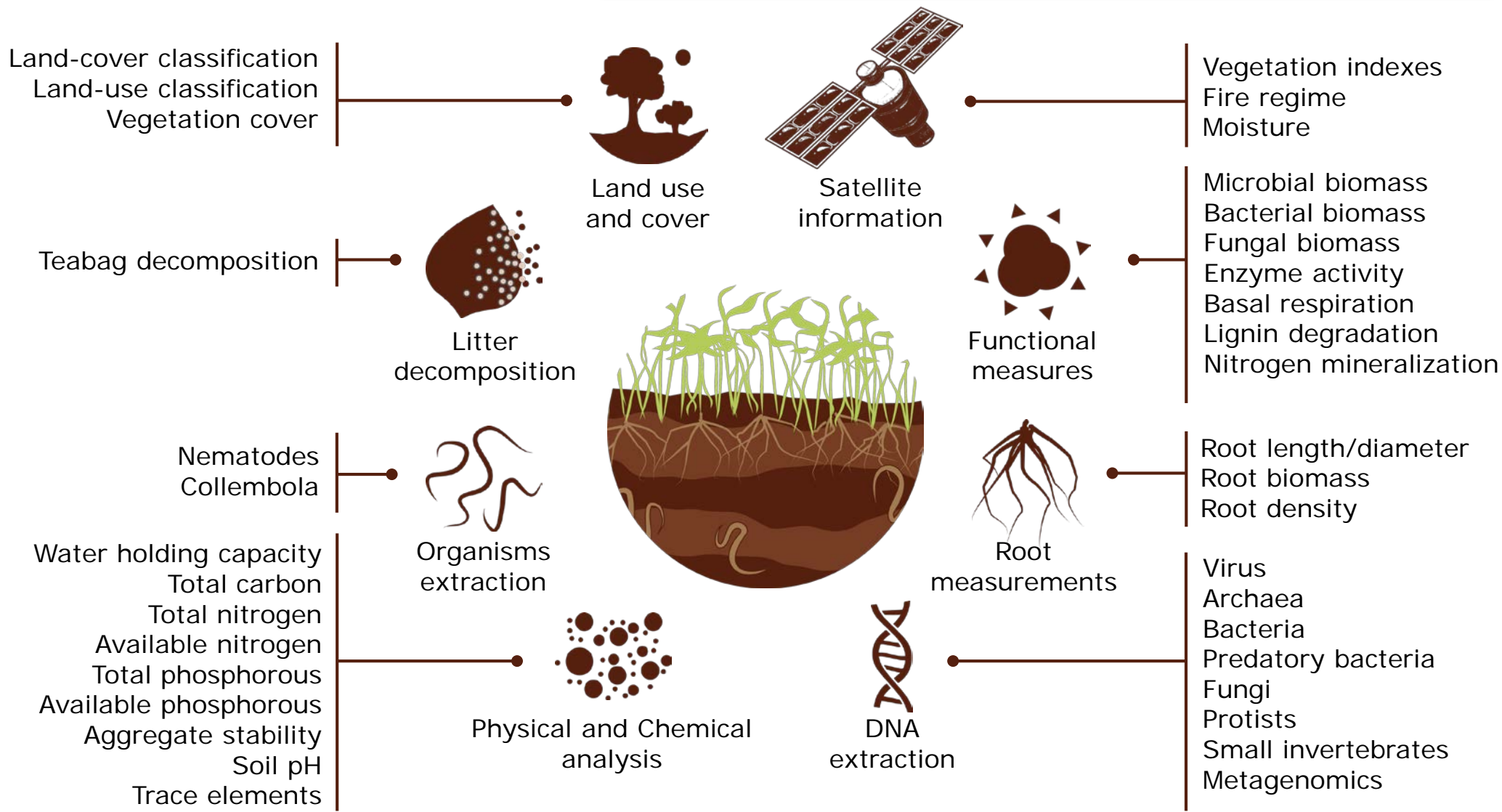




CALL FOR COLLABORATION

**Unearthing soil ecological observations**

Carlos A. Guerra<sup>1,2,\*</sup>, Diana H. Wall & Nico Eisenhauer<sup>1,2</sup>



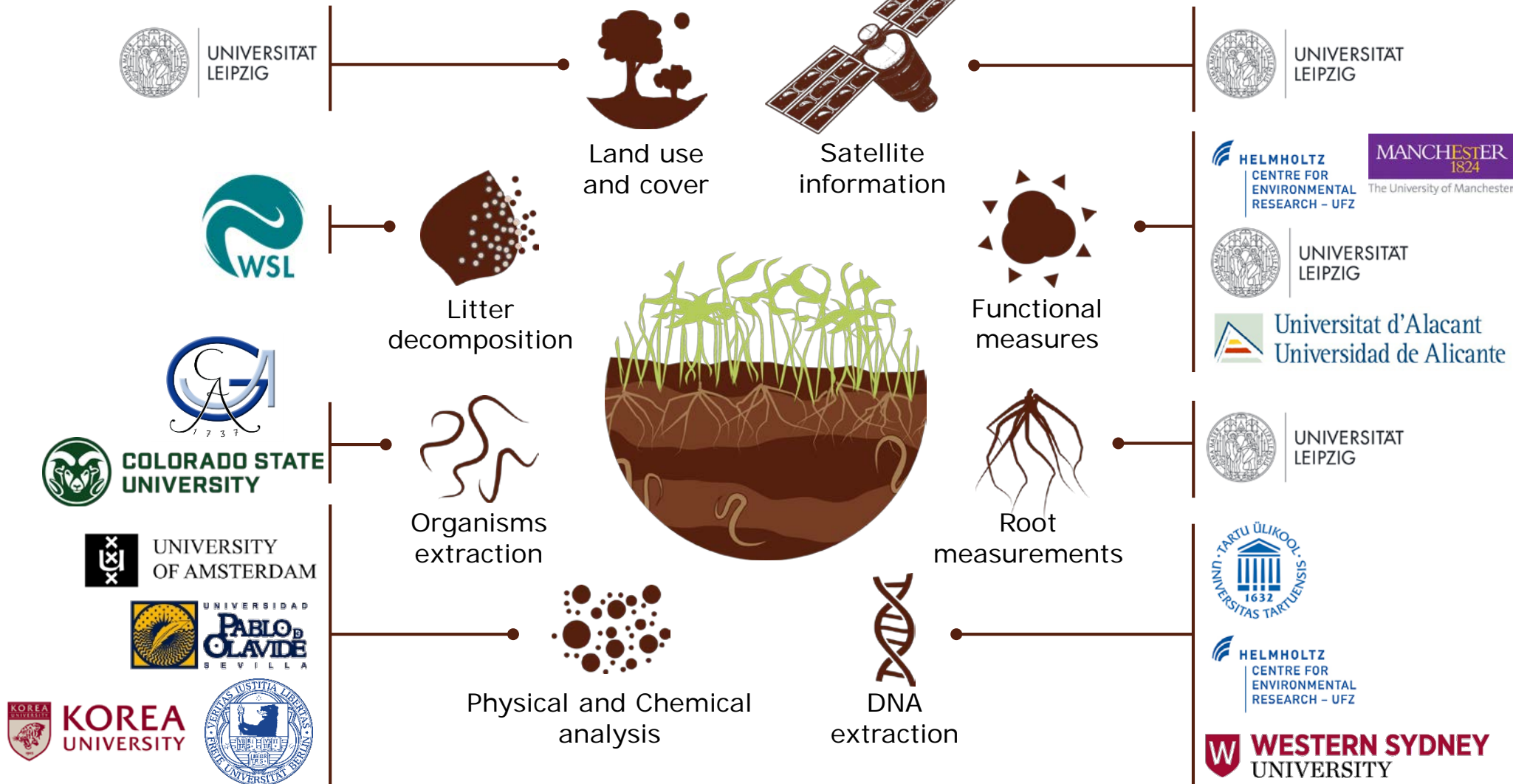




CALL FOR COLLABORATION

### Unearthing soil ecological observations

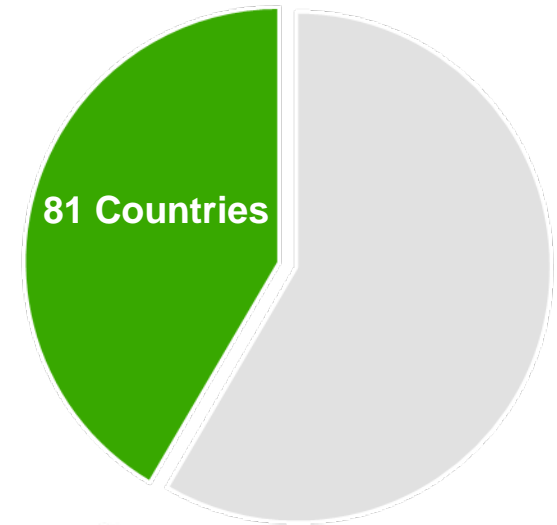
Carlos A. Guerra<sup>1,2,\*</sup>, Diana H. Wall & Nico Eisenhauer<sup>1,2</sup>



CALL FOR COLLABORATION

**Unearthing soil ecological observations**

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**Soil BON**  
 >200 Institutions  
 >500 Individuals

