



Illustration of the global biocomplexity.

# GLOBAL ECOSYSTEM ECOLOGY

Understanding the relationship between biodiversity and climate change by studying ecosystems.



## Research Areas

- Global vegetation ecology;
- Global microbial ecology;
- Global restoration ecology;
- Global landscapes;
- Science communication and policy impact.

## Regions

Switzerland; Costa Rica; Panama; Brazil; Ireland; Wales.

## Partners

EPFL; WSL; Lund University; University of Alicante; University of Michigan; Lawrence Livermore National Laboratory; University of the Sunshine Coast; University of Central Florida; Yale University; Wageningen University and Research Centre; University of Minnesota; Nanjing University; Fudan University; Beijing Normal University; Weizmann Institute of Science; The Nature Conservancy; World Economic Forum; 1t.org; Google; Terraformation; Restor; Spun; Funga; Earthshot Foundation; X-Prize.

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## Contribution to the WFSC

The Global Ecosystem Ecology group studies ecosystems at a global scale to understand the relationships between biodiversity and climate change. Their work contributes to the scientific foundation for ecosystem management and informs and empowers people to protect and restore Earth's biodiversity to fight climate change and improve human well-being. The group uses a range of methods to understand the distribution and function of forests, urban vegetation, and microbiomes to better maintain or improve biodiversity and the services it provides to all.



Prof. Tom Crowther

