

Session Program

8–9 Sept 2026



iDiv Annual Conference 2026

Lunch Break & Poster Session

Tuesday 8 September

13:15

Lunch Break & Poster Session

Session

13:25–13:26 **Automated analysis of environmental samples for large-scale pollen monitoring**

Speaker

Bogusz Bujnowski

13:26–13:27

Active Use and Passive Exposure to Urban Green Infrastructure - A Human Health Perspective

Speaker

Marie Meemken

13:27–13:28

Schoolyard Biodiversity Monitoring with Children: Effects on Human-Nature-Relationships

Speaker

Lina von Wedel

13:28–13:29

Microbial Community Database (MiCoDa), a Curated Repository for Global Microbiome Data Reuse

Speaker

Dr Clara Arboleda-Baena

13:29–13:30

Uncovering genetic adaptations to arid habitats in three model plants (Loasaceae) from the Atacama and Namib Desert using comparative genomics and environmental data

Speaker

Julia Simonis

13:30–13:31

Don't call it (just) Citizen Science Data!

Speaker

Michael Rzanny

13:31–13:32

Sniffing out danger: African Elephants Response to Lion-Derived Olfactory Cues

Speaker

Maya Heyland

13:32–13:33

iBarc Support Unit ...supports biodiversity research through metabarcoding

Speaker

Nadine Möbius

13:33–13:34

Sample size and identification techniques alter soil nematode community assessment

Speaker

Lu Wang

13:34–13:35

Analysis of the long-term effects of plant species richness on soil microbial multistability

Speaker

Zarah Janda

13:35–13:36

Automated fine-scaled flowering stage classification of allergenic species using citizen science images**Speaker**

Sophie Moreau

13:36–13:37

iCyt, the integrative Cytomics support platform of iDiv**Speaker**

Susanne Dunker

13:50–13:55

Sediment type rather than seasonality shapes microbial functional potential in Belgian North Sea sediments: a metagenomic perspective**Speaker**

Menahil Fatima

13:55–14:00

Generative Trait Variability of Cyperaceae Juss. In Context of Phylogeny and Plant Ecology**Speaker**

Dr Sebastian Gebauer

14:00–14:05

Herbarium-Based Insights into Long-Term Flowering Phenology and Leaf Nutrients in Mongolian Steppe Species**Speaker**

Anna Vincze

14:05–14:10

Impact of oil palm plantation use on the gut microbiome of Malaysian macaques**Speaker**

Miriam Simon

14:10–14:15

Microbial predators under pressure: soil protist community shifts under long-term fertilization.**Speaker**

Nicola Schilling

14:15–14:20

How to Identify Patches of Hyperspectral Entropy in Forest Soil Profiles from Fläming, Germany**Speaker**

Dr Riffat Rahim

14:20–14:25

Wenhui Liu**Speaker**

Wenhui Liu

14:25–14:30

PhenObs@herbaria: A New Protocol to Synchronize Phenological Observations from Physical Herbarium Records with Field-Based Observations**Speaker**

Josephine Ulrich

14:30–14:35

Mycorrhiza in Tree Diversity-Ecosystem Function Relationships: the first ten years of the iDiv experimental platform MyDiv**Speaker**

Dr Olga Ferlian

14:35–14:40

Global patterns of marcescence: Retention of withered organs in perennial herbs

Speaker

Tereza Maskova

14:40–14:45

Potential of multiselective GCMS for eco-metabolomics on bumblebees

Speaker

Ferdinand Krause

14:45–14:50

Recovery of Bryophyte Species Diversity after Revitalization Measures in the Klosterlaunitzer Mire through Floristic Mapping and Environmental Data

Speaker

Greta Störkmann

14:50–14:55

Investigating the impact of aboveground invertebrate decline on belowground energy fluxes

Speaker

Ioannis Constantinou

15:00

Wednesday 9 September

13:00

Lunch Break & Poster Session

Session

13:00–13:05

European Topic Centre Biodiversity and Ecosystems: Benefits and challenges of assisting policy development and implementation as expert contractors to the EU

Speaker

Brigitte Braschler

13:05–13:10

Which fungi images matter for identification? Evaluating image perspectives for CNN-based fungal classification through latent space feature analysis

Speaker

Diane Cooke

13:10–13:15

Speaking louder than words: An actionable communication framework supporting evidence-informed biodiversity policy

Speaker

Dr Naama Teschner

13:15–13:20

Text-Enhanced Representation Learning for Fine-Grained Species Classification

Speaker

Christian Ickler

13:20–13:25

A Novel Tool for the Extraction of Plant Phenology from Digitized Herbarium Specimens

Speaker

Dr Matthias Körschens

13:25–13:30

Augmenting plant-pollinator interaction monitoring with AI: computer-vision pipelines from smartphones and camera traps to validation and analysis

Speaker

Dr Valentin Ștefan

13:30–13:35

The illusion of diversity: sampling design drives conflicting estimates of soil richness across bacterial and eukaryotic communities

Speaker

Maria Kostakou

13:35–13:40

The iDiv Data Portal's Contributions to FAIR, Open, and Reproducible Research

Speaker

Ludmilla Figueiredo

13:40–13:45

Effects of Tree Diversity on Litter Dwellers During Early Decomposition

Speaker

Diana Morales Fonseca

13:45–13:50

Why are some birds more window collision-prone than others?

Speaker

David Tan

13:50–13:55

Extreme weather variability and bird distribution dynamics in Central Europe

Speaker

Aaron Hagen Kauffeldt

13:55–14:00

The hidden dimensions of biodiversity loss in the Brazilian Campos Rupestres: lessons from Velloziaceae

Speaker

Andressa Cabral

14:00–14:05

TRY Plant Trait Database Version 7

Speaker

Jens Kattge

14:05–14:10

Earthworm density regulates depth-dependent carbon dynamics in degraded alpine peat soils

Speaker

Hui Zhang

14:10–14:11

Cell wall traits shape leaf drought tolerance in subtropical dry and wet forests

Speaker

Dr Mengcheng Duan

14:11–14:12

From disturbance responses to temporal dynamics: Resilience metrics in Earth observation (EO) supported ecology

Speaker

Sophie Wolf

14:12–14:13

Vegetation Structure and Cloud-Surface Coupling Over Southern Germany

Speaker

Janet Mumo Mutuku

14:13–14:14

R Environment for Environmental Sciences: Four Packages Worth Knowing

Speaker

Alban Sagouis

14:14–14:15

Evaluating a protected area portfolio against global biodiversity and climate goals

Speaker

Alke Voskamp

14:15–14:16

The diversity of taxon-specific biochemical features of the marine red algae representing the orders Ceramiales and Gigartinales

Speaker

Claudia Wiesner

14:16–14:17

Herbivore Assemblages Regulate Soil Multifunctionality through Microbial Diversity and Keystone Taxa in an Alpine Grassland

Speaker
Ms Jinyu Zhao

14:17–14:18

Phenological responses to extremes across growth forms, phenological strategies and phenological niche

Speaker
Andrea Silva-Cala

14:18–14:19

A tree identification game for urban species awareness

Speaker
Daniela Hoss

14:19–14:20

Tree species richness and mycorrhizal type drive depth-dependent patterns in soil properties and microbiota r/K life-history strategies

Speaker
Wenting Wang

14:30