



# Programme

12–16 September 2023 | Leipzig

52nd Annual Meeting of the Ecological Society  
of Germany, Austria and Switzerland



GfÖ 2023  
**LEIP  
ZIG**

**The Future of Biodiversity**

*Overcoming Barriers of  
Taxa, Realms and Scales*

# Tuesday Morning

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8:00 ▶ NEUES AUGUSTEUM ▶ ALL DAY  
**Registration and IT Desk**

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10:00 ▶ AUDIMAX ▶ 30 MIN  
**Conference Opening**

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10:30 ▶ 30 MIN  
**Coffee Break**

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11:00 ▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**Belowground Functional Diversity - the importance of the hidden half for plant and ecosystem functioning 1**

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▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Novel methodological approaches to biodiversity monitoring 1**

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▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 120 MIN  
**Best Practice for Mainstreaming Biodiversity**

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▶ TALKS ▶ AUDIMAX ▶ 120 MIN  
**The Biodiversity Crisis – Focus on Agricultural Landscape 1**

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▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Drivers of Biodiversity Change in the Anthropocene 1**

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▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN  
**Land Scarcity and its Impacts on Biodiversity**

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▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN  
**Macroecology: understanding the processes and underlying biodiversity patterns and responses to global change 1**

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▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN  
**Remote Sensing of Biodiversity**

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▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 120 MIN  
**Functional traits and ecosystem stability under multiple global changes**

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▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 120 MIN  
**Water in plants under climate change - from cells to ecosystems**

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13:00 ▶ **LUNCHTIME EVENT** ▶ NEUES AUGUSTEUM ▶ 60 MIN  
**Meet the Editor**

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▶ 60 MIN  
**Lunch Break**

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# Tuesday Afternoon

14:00 ▶ KEYNOTE ▶ AUDIMAX & LECUTRE HALL (HS 9) ▶ 60 MIN  
**How (not) to Prioritize Habitat for Conservation**  
(Lenore Fahrig)

15:00 ▶ 30 MIN  
**Coffee Break**

15:30 ▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 120 MIN  
**Towards a coherent and connected future  
Trans-European Nature Network (TEN-N)**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**Belowground Functional Diversity 2**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Novel methodological approaches  
to biodiversity monitoring 2**

▶ TALKS ▶ AUDIMAX ▶ 120 MIN  
**The Biodiversity Crisis – Focus on  
Agricultural Landscape 2**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Drivers of Biodiversity Change  
in the Anthropocene 2**

▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN  
**Macroecology 2**

▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 120 MIN  
**Microbiomes of the Future**

▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 120 MIN  
**Ecology and evolution of plant regeneration traits**

▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN  
**Scales, biodiversity patterns and  
heterogeneity in ecology**

▶ TALKS & DISCUSSION ▶ HS 8 ▶ 120 MIN  
**How can we better communicate  
our expertise as ecologists?**

17:30 ▶ PAULINUM ▶ 90 MIN  
**Poster Session 1**

19:00 ▶ GFÖ WORKING GROUP MEETINGS ▶ S 203 ▶ 90 MIN  
**AK Forest Ecology**

▶ GFÖ WORKING GROUP MEETINGS ▶ S 202 ▶ 90 MIN  
**AK Macroecology**

▶ GFÖ WORKING GROUP MEETINGS ▶ S 204 ▶ 90 MIN  
**AK Soil Ecology**

▶ GFÖ WORKING GROUP MEETINGS ▶ SR 205 ▶ 90 MIN  
**AK Urban Ecology (closed)**

# Wednesday Morning

9:00 ▶ KEYNOTE ▶ AUDIMAX & LECUTRE HALL (HS 9) ▶ 60 MIN  
**Nature Beyond Conservation** (*Esther Turnhout*)

10:00 ▶ 30 MIN  
**Coffee Break**

10:30 ▶ SYMPOSIUM ▶ LECTURE HALL 9 (HS 9) ▶ 150 MIN  
**Nature Exposure and Human Health and Wellbeing**

▶ SYMPOSIUM ▶ AUDIMAX ▶ 150 MIN  
**Agroecology: towards a transformation of farming and food systems in Europe**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**Privatgärten als Hotspots für urbane Biodiversität?**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Drivers of Biodiversity Change in the Anthropocene 3**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Macroecology 3**

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 60 MIN  
**The HOW and WHY of plant chemodiversity**

11:30 ▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 90 MIN  
**Microbial Eukaryotes in the -omics era**

13:00 ▶ LUNCHTIME EVENT ▶ AUDIMAX ▶ 60 MIN  
**Agroecology**

▶ GFÖ WORKING GROUP MEETINGS ▶ S 203 ▶ 60 MIN  
**AK Conservation**

▶ 60 MIN  
**Lunch Break**

13:30 ▶ WORKSHOP ▶ SEMINAR ROOM (S 202) ▶ 300 MIN  
**Praktischer Naturschutz auf regionaler Ebene**

14:00 ▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN  
**Biodiversity effects on ecosystem functioning across terrestrial-aquatic boundaries**

▶ TALKS ▶ AUDIMAX ▶ 120 MIN  
**Biodiversity-enhancing measures in agricultural landscapes 1**

▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 120 MIN  
**Biodiversity monitoring using digital methods and artificial intelligence**

▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN  
**Changing Forests 1**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Co-design of biodiversity conservation throughout farmland at the landscape scale 1**

▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 60 MIN  
**ID apps, new media and web-based data**

# Wednesday Afternoon

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN

## **Plant Population Biology 1**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN

## **Regional biodiversity change analyses to support conservation management 1**

▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 120 MIN

## **Relationships between functional diversity, food security and human well-being**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 60 MIN

## **Schutz und Renaturierung von Auenökosystemen**

15:00 ▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 60 MIN  
**Large-scale mapping of plant traits**

16:00 ▶ 30 MIN  
**Coffee Break**

16:30 ▶ TALKS ▶ AUDIMAX ▶ 120 MIN  
**Biodiversity-enhancing measures in agricultural landscapes 2**

▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN

## **Changing Forests 2**

▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 120 MIN

## **Grünflächengestaltung in der Stadt**

▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN

## **Modulation of climate change impacts on ecosystem processes and functions**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN

## **Co-design of biodiversity conservation throughout farmland at the landscape scale 2**

▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 90 MIN

## **People & Nature**

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN

## **Plant Population Biology 2**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN

## **Regional biodiversity change analyses to support conservation management 2**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN

## **Soil biodiversity and functions across scales 1**

▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 60 MIN

## **Towards Automated Insect Monitoring**

17:30 ▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 60 MIN  
**Invasive alien species: their impact on biodiversity, early detection and management**

19:00 ▶ LECTURE HALL 9 (HS 9) ▶ 90 MIN  
**GfÖ General Meeting**

20:30 ▶ **GfÖ WORKING GROUP MEETINGS** ▶ S 203 ▶ 60 MIN  
**AK Agroecology**

# Thursday Morning

9:00 ▶ KEYNOTE ▶ AUDIMAX & LECUTRE HALL (HS 9) ▶ 60 MIN  
**Rainforest Regeneration: Experiments in Papua New Guinea** (*Vojtech Novotny*)

10:00 ▶ 30 MIN  
**Coffee Break**

10:30 ▶ SYMPOSIUM ▶ LECTURE HALL 9 (HS 9) ▶ 150 MIN  
**The Functioning of Future Ecosystems**

▶ SYMPOSIUM ▶ AUDIMAX ▶ 150 MIN  
**The Future of Biodiversity Monitoring**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Biodiversity-enhancing measures in agricultural landscapes 3**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**Changing Forests 3**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Computational Ecology 1**

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN  
**Understanding the evolutionary response to global changes for biodiversity conservation**

13:00 ▶ LUNCHTIME EVENT ▶ NEUES AUGUSTEUM ▶ 60 MIN  
**Meet the Funder**

▶ 60 MIN  
**Lunch Break**

14:00 ▶ WORKSHOP ▶ SEMINAR ROOM (SR 202) ▶ 90 MIN  
**How to better manage your data 1**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**20 Years Jena Experiment 1**

▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN  
**Challenges and opportunities of Biodiversity Conservation in temperate forests 1**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN  
**Computational Ecology 2**

▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 120 MIN  
**Dispersal: a key process in Macroecology and Macroevolution**

▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN  
**Innovative approaches for the Evaluation of Ecosystem Health: From Theory to Practice**

▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 120 MIN  
**Interactions between large Carnivores, Ungulates and Humans in cultural landscapes**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Pollinator Biodiversity in the Anthropocene and its responses across scales 1**

# Thursday Afternoon

▸ TALKS ▸ LECTURE HALL 8 (HS 8) ▸ 120 MIN

**Understanding natural pest control services in agricultural landscapes**

▸ TALKS ▸ AUDIMAX ▸ 120 MIN

**The Biodiversity Crisis – Focus on Agricultural Landscape 3**

▸ TALKS ▸ LECTURE HALL 4 (HS 4) ▸ 120 MIN

**The Future is cross-realms - assessing and managing large-scale Biodiversity Change**

16:00 ▸ PAULINUM ▸ 90 MIN

**Poster session 2**

17:00 ▸ TALKS ▸ LECTURE HALL 1 (HS 1) ▸ 120 MIN

**20 Years Jena Experiment 2**

▸ TALKS ▸ LECTURE HALL 4 (HS 4) ▸ 90 MIN

**Animal Chemical Ecology**

▸ TALKS ▸ LECTURE HALL 12 (HS 12) ▸ 90 MIN

**Carbon allocation in Plants and Ecosystems under climate change**

▸ TALKS ▸ LECTURE HALL 9 (HS 9) ▸ 120 MIN

**Challenges and opportunities of Biodiversity Conservation in temperate forests 2**

▸ TALKS ▸ LECTURE HALL 11 (HS 11) ▸ 90 MIN

**Ecological Forecasting for Decision Making under global change: Advances and Applications**

▸ TALKS ▸ LECTURE HALL 2 (HS 2) ▸ 90 MIN

**Novel methodological approaches to Biodiversity Monitoring 3**

▸ TALKS ▸ LECTURE HALL 8 (HS 8) ▸ 90 MIN

**Plant Population Biology 3**

▸ TALKS ▸ LECTURE HALL 7 (HS 7) ▸ 120 MIN

**Quantifying and enhancing biological control in temperate and tropical Agroecosystems 1**

▸ TALKS ▸ LECTURE HALL 10 (HS 10) ▸ 90 MIN

**Stressors and Sensory Pollution**

▸ **WORKSHOP** ▸ SEMINAR ROOM (S 202) ▸ 90 MIN

**How to better manage your data 2**

19:00 ▸ MORITZBASTEI

**Conference Dinner and Club Night**  
Club Night from 21:00

# Friday Morning

9:00 ▶ KEYNOTE ▶ AUDIMAX & LECUTRE HALL (HS 9) ▶ 60 MIN  
**Bridging the Gap Between Science and Policy for Healthy and Resilient Ecosystems** (*Lilian Busse*)

10:00 ▶ 30 MIN  
**Coffee Break**

10:30 ▶ SYMPOSIUM ▶ AUDIMAX ▶ 150 MIN  
**Accounting for Biodiversity in Economics & Business**

▶ SYMPOSIUM ▶ LECTURE HALL 9 (HS 9) ▶ 150 MIN  
**Response Diversity: theory, observations, experiments and applications**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN  
**Challenges and opportunities of Biodiversity Conservation in temperate forests 3**

▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 120 MIN  
**Green Infrastructure for Biodiverse and Healthy Cities 1**

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN  
**Phenology research across scales and organisational levels 1**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN  
**Pollinator Biodiversity in the Anthropocene and its responses across scales 2**

▶ TALKS ▶ LECTURE HALL (HS 7) ▶ 120 MIN  
**Quantifying and enhancing biological control in temperate and tropical Agroecosystems 2**

13:00 ▶ 60 MIN  
**Lunch Break**



# Friday Afternoon

14:00 ▶ TALKS ▶ LECTURE HALL 9 (HS 9) ▶ 120 MIN

## **Biodiversity Conservation and Climate Change Mitigation**

▶ TALKS ▶ LECTURE HALL 1 (HS 1) ▶ 120 MIN

## **Evolution in Biodiversity Research**

▶ TALKS ▶ LECTURE HALL 4 (HS 4) ▶ 90 MIN

## **Green Infrastructure for Biodiverse and Healthy Cities 2**

▶ TALKS ▶ LECTURE HALL 12 (HS 12) ▶ 120 MIN

## **Infrastructures and Networks in Biodiversity Research**

▶ TALKS ▶ LECTURE HALL 7 (HS 7) ▶ 120 MIN

## **Livestock as ecosystem engineers: Innovations for sustainable grazing systems**

▶ TALKS ▶ LECTURE HALL 11 (HS 11) ▶ 120 MIN

## **Land-Use Changes in the Tropics**

▶ TALKS ▶ LECTURE HALL 10 (HS 10) ▶ 120 MIN

## **Long-Term Data and Global Change**

▶ TALKS ▶ LECTURE HALL 8 (HS 8) ▶ 120 MIN

## **Phenology research across scales and organisational levels 2**

▶ TALKS ▶ LECTURE HALL 2 (HS 2) ▶ 120 MIN

## **Pollinator Biodiversity in the Anthropocene and its responses across scales 3**

▶ TALKS ▶ AUDIMAX ▶ 120 MIN

## **Soil biodiversity and functions across scales 2**

16:00 ▶ 30 MIN

## **Coffee Break**

16:30 ▶ ROOM ▶ AUDIMAX ▶ 30 MIN

## **Closing of the Conference**

# Social Media:

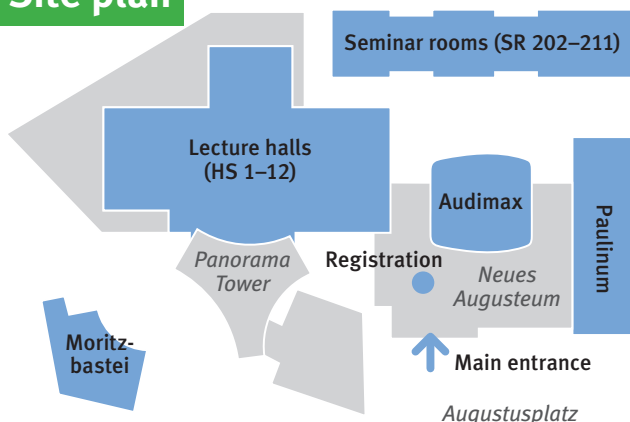
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# Site plan



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The Ecological Society of  
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German Centre for Integrative  
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