

# Ecosystem Nutrition 2021

## Information

### Submission of abstracts

Please send your abstracts until  
**July 15, 2021** to:

*christine.schemann@bodenkunde.uni-freiburg.de*

The abstract should not exceed one printed page.  
Please use the template provided on the website.

### Registration

Registration will open **April 15, 2021**. Please register  
until **September 15, 2021** at

*www.ecosystem-nutrition.uni-freiburg.de/Registration\_  
Meeting2021*

Please express whether you intend to participate in  
the field trip on October 28, 2021.

### Conference fee

The conference fee is 250 € (includes lunch, dinner,  
and coffee breaks).

## Venue & Preliminary Schedule

Freiburg is located in Southwestern Germany close to the Black Forest, and is one of the traditional hotspots of forest science.

### Monday, Oct 25, 2021

11:30 Registration open  
13:00 Plenary Session  
19:00 Get-Together (in cooperation  
with Winery Trautwein)

### Tuesday, Oct 26, 2021

8:30 Plenary Session  
18:30 Conference Dinner  
(Restaurant Waldsee)

### Wednesday, Oct 27, 2021

8:30 Plenary Session  
15:30 End of the conference

### Thursday, Oct 28, 2021

Field trip to Black Forest and one of the  
study sites of SPP 1685.

New Approaches to  
Ecosystem Nutrition  
Phosphorus and Beyond

**October 25 - 28, 2021**

Freiburg i. Br., Germany

**DFG**

Contact

### Speaker of SPP 1685

*Prof. Dr. Friederike Lang*

*fritzi.lang@bodenkunde.uni-freiburg.de*

### Coordination & Organization

*Jaane Krüger*

*jaane.krueger@bodenkunde.uni-freiburg.de*

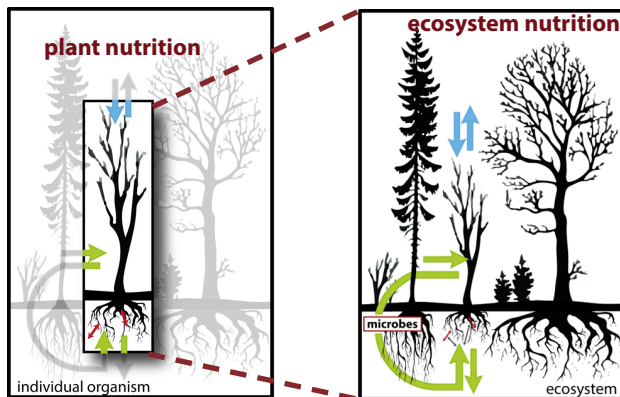
Phone: +49761-2033624

# Rationale

The ecological paradigm of the 'whole being more than the sum of its parts' is widely accepted as one of the most fascinating properties of ecosystems. Yet the emergence of nutrient dynamics within ecosystems is rarely addressed.

Join us for the second "Ecosystem Nutrition" conference, the closing event of the DFG Priority Program SPP 1685 which has a special focus on the phosphorus nutrition of forest ecosystems.

The goal of the conference is to broaden approaches of plant nutrition to explore nutrient-related processes at the scale of ecosystems.



During the conference we will link key findings from SPP 1685 to studies addressing also other nutrients (e.g., nitrogen and potassium).

Especially welcome are contributions introducing holistic approaches for ecosystem nutrition research and results regarding relevant mechanisms and key players.

## Sessions

### New Concepts

Keynote: **Laurent Augusto**, INRA Bordeaux

I

The analysis of nutrition at ecosystem scale is challenging and requires novel concepts of integration. This regards for example nutrition strategies, nutrition efficiency, heterogeneity, and nutrition resilience.

### Innovative Experimental and Methodological Approaches

Keynotes: **Christian Vogel**, BAM Berlin  
**Jared DeForest**, Ohio University

II

Ecosystem nutrition research requires new experimental approaches and methodological enhancement to address interactions, fluxes, and pools on different scales.

### Embracing Complexity

Keynotes: **Rodica Pena**, University of Reading  
**Benjamin L. Turner**, University of Florida

III

Contents of classical plant nutrition research are not sufficient for ecosystem nutrition. Additional aspects have to be considered, such as microbial nutrition, interactions, nutrient allocation, and ecosystem engineering.



! Apr 15, 2021 Registration opens  
Jul 15, 2021 Deadline abstract submission  
Aug 30, 2021 Notification of acceptance  
Sep 15, 2021 Deadline registration



We look forward to meeting you in Freiburg!

