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

Contact

**Speaker of SPP 1685**
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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
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
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
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.

We look forward to meeting you in Freiburg!