

# BayCEER Kolloquium

Lectures in Ecology and  
Environmental Research

Winter 2024/25



UNIVERSITÄT  
BAYREUTH

Donnerstag/Thursday

**06.02.2025**

**12:15 in H6, GEO**



**Dr. Franz-Sebastian Krah**

Fungal Ecology, BayCEER

**Öffentlicher Vortrag im Habilitationsverfahren**  
(Zwischenevaluation)

## **Emerging Insights in Fungal Ecology: Patterns, Processes, and Climate Effects**

Fungal ecology has experienced substantial progress over the past decade, driven largely by the availability of large-scale spatial datasets. These datasets have revealed significant correlations between fungal diversity patterns and environmental factors, particularly climate. Despite these advancements, a comprehensive understanding of the assembly processes shaping fungal communities and the impacts of climate warming over time remains elusive. In this presentation, I will present an overview of my current research aimed at addressing these critical questions. I will highlight how emerging data and innovative analytical approaches are beginning to shed light on the complex interplay between fungal diversity patterns and their underlying ecological mechanisms.

**Gäste sind herzlich willkommen!**

Bayreuth Center of Ecology  
and Environmental Research

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