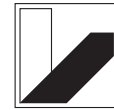


BayCEER Kolloquium

Lectures in Ecology and
Environmental Research

Summer 2023



UNIVERSITÄT
BAYREUTH

Donnerstag/Thursday

20.04.2023

12:15 in H6, GEO



Dr. Timo Conradi

Plant Ecology, Universität Bayreuth

Impacts of climate change on terrestrial vegetation: a macroecological perspective

Forecasting the impacts of climate change on ecosystems is a priority in ecological research. In this talk I will present recent efforts that use botanical big data to better understand the risks of climate change for the Earth's vegetation. This will include analyses of the lasting legacies of past climatic changes on the present-day functioning of ecosystems, detection of the influence of recent climatic changes on multi-decadal vegetation dynamics, and the demonstration of a new modelling pipeline that uses physiological niche modelling of 135,000 plant species and trait data to project where future climatic changes are likely to force strong change in ecosystems and the assembly of novel ecosystems..

Final lecture in the habilitation procedure - guests are welcome!



Bayreuth Center of Ecology
and Environmental Research

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The lectures are an interdisciplinary platform for students, junior and senior scientists.

Scan the QR code or visit our homepage for abstracts and further information:

www.bayceer.uni-bayreuth.de/kolloquium/