



24. Oktober 2024 | 16–17 Uhr | Hörsaal 4

Integrating the hydrodynamics of plant vascular networks across scales

The vascular plant body consists of network structures at multiple scales, which integrate the functioning of plant parts from cell, tissue, and organ scales to the whole plant. The new department of plant ecophysiology explores fundamental plant hydrodynamic mechanisms and quantifies how vascular network structure affects plant function and failure under drought. We aim to reinterpret the role of drought in the evolution of plant growth forms and vascular tissues and to bridge the gap between scales of cause and effect that affects vegetation-mediated land-atmosphere flows under drought.



Jun.-Prof. Dr. Martin Bouda

leitet seit Sommersemester 2024 das Fachgebiet Funktionelle Ökophysiologie der Pflanzen (190j) im Institut für Biologie und hält mit diesem Vortrag seine Antrittsvorlesung.

**IM
ANSCHLUSS
EMPFANG IM
SCHLOSSFOYER
BIS 18:30 UHR**