

EINLADUNG

Kolloquium
Wintersemester 2020 / 2021

Dr. Jörg Albrecht

Senckenberg Biodiversität und Klima
Forschungszentrum
Abt. Funktionelle Ökologie u. globaler Wandel

hält am Dienstag, den **09.02.2021**, um 16:15 Uhr einen Vortrag über
„Species interactions in a changing world“

Species interactions are the backbone of biodiversity and provide a variety of ecosystem functions. A key challenge is to resolve the mechanisms by which global change (e.g., climate and land-use change) alters interactions between organisms and how this affects ecosystem functions such as pollination, seed dispersal, herbivory and predation. In my talk, I will present approaches from community ecology, macroecology and paleoecology to highlight potential pathways through which global change alters the structure of complex networks of species interactions.

In particular, I will show how climate and land-use change can trigger bottom-up and top-down cascades in species interaction networks through (i) changes in the diversity of plant and animal communities, (ii) altered resource availability and energetic trade-offs, and (iii) changes in the foraging behaviour of generalists. Finally, I will outline how a combination of approaches from different research disciplines can provide novel insights into the mechanisms by which global change affects ecosystem structure and function.



Einladender: Prof. Dr. Jörg Oehlmann



Dieser Vortrag findet digital per Zoom statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/93960153804?pwd=YjBZOUQ0ZnhxcUUwSmZpMlMrLzZDQT09>

Meeting-ID: 939 6015 3804
Kenncode: 185727