

ZALF Guest Lecture

Towards a global multivariate understanding of climate extremes



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Wednesday, **13 November 2019** at 11 am, ZALF Conference Hall 1, Building 4

Today we have the opportunity to analyze and understand the Earth system with a variety of in-situ and Earth Observations (EO). But before we can tap into the full potential of these data streams we need to overcome many practical hurdles. In this talk I will first discuss novel data-analytic approaches to explore multivariate dynamics in the Earth system. Then I will specifically discuss the question how climate extremes affect terrestrial ecosystems. We will present a global scale, multivariate view on climate extremes and discuss the potentials and limitations of our approach to disentangle the underlying ecological processes.

Link: <https://www.earthsystemdatalab.net/>;

All interested ZALF members are cordially invited.

We are looking forward to your contributions in the subsequent discussion.