

BayCEER Kolloquium

Lectures in Ecology and
Environmental Research

Winter 2024/25



UNIVERSITÄT
BAYREUTH

Donnerstag/Thursday

12.12.2024

12:15 in H6, GEO



Prof. Cornelius Senf

Earth Observation for Ecosystem Management,
Technical University of Munich

Unravelling forest disturbance dynamics in Europe using Earth observation

Europe's forests have been facing increasing forest disturbances with large-scale outbreaks of bark beetle and widespread wildfires observed after 2018. This recent wave of natural disturbances is often considered "unprecedented" or "unexpected", despite reliable data on European forest disturbances being scarce. Based on large-scale Earth observation analysis, I will show that the wave of forest disturbances observed since 2018 was neither expected nor unpredictable. I will further highlight that the observed increase in forest disturbances across Europe will be challenging the EU climate targets.



Bayreuth Center of Ecology
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students, junior and senior scientists.

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