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Lecture Series Environment & Biodiversity

DISTURBANCE AND RESILIENCE OF FOREST ECOSYSTEMS IN A CHANGING WORLD

Prof. Dr. Rupert Seidl

Technical University Munich

Host: Univ.-Prof. Dipl.-Biol. Dr. Stefan Dötterl



Monday, October 6, 2025, 4:00 PM

NLW-Faculty, Room 424, 2nd floor

Research focus:

Ecosystem dynamics and forest management

in mountain landscapes





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Abstract

Forest disturbances, i.e., waves of tree mortality caused by drought, bark beetles, wildfire and windthrow, have increased considerably over past decades, and are expected to increase further in the future as climate change continues. These changes in the disturbance regime have substantial implications for forests and the ecosystem services they supply to society. The talk will review the current developments in forest disturbance regimes with a specific focus on Europe, and will discuss how resilient forests are to these disturbances. It will review our understanding of disturbance impacts, and give an outlook on potential future developments.

