

Research Unit Forest Dynamics - colloquium

Date: 25.03.2024

Time: 10:30

Room: Engler-Saal

Duration: 25 minutes

Author: Dr. Daniel Scherrer, WSL Forest Resources and Management Plant regeneration ecology

Title: **The interplay of naturalness and disturbances in transforming forests under climate change**

Abstract:

Based As the climate continues to warm, the imperative for forest ecosystems to adapt grows increasingly urgent. In these ecosystems, dominated by long-lived tree species, the pace of change is slow and some climax forests resist alteration until they reach a critical threshold, beyond which the ecosystem risks abrupt collapse. This prompts the question: How can we effectively transition our forests into a new climatic balance while preserving the ecosystem services they provide? This presentation will explore the potential role of proactive and adaptive forest and disturbance management to increase naturalness.