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# Master Thesis: Microclimate of disturbed forest landscapes

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**Start Date:** Anytime

## Description of Project:

In this thesis, you will contribute to a better understanding of forest microclimate in the context of increasing disturbances relevant for post-disturbance recovery, biodiversity, and water regulation. You will make use of field-based data as well as satellite data from Landsat/Sentinel-2 to investigate differences of microclimate temperatures on recently disturbed forest plots compared to the forest interior.

**Research Question:** How do microclimate temperatures differ between disturbed sites and forest interior?

## Objectives:

- *Harmonizing a field-based temperature database for Germany based on existing data*
- *Quantify microclimate temperature offsets on disturbance sites*
- *Investigate influencing variables based on Sentinel-2/Landsat imagery*

**Additional information about the Microclimates on disturbed sites project can be found here:**



## Contact:

Katja Kowalski  
[katja.kowalski@tum.de](mailto:katja.kowalski@tum.de)

**Microclimates on  
disturbed sites**