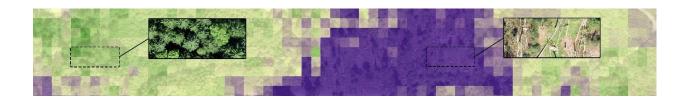
Swiss Federal Institute for Forest, Snow and Landscape Research WSL Zuercherstrasse 111 8903 Birmensdorf Switzerland





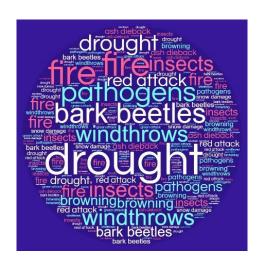
Remote Sensing Lectures "Remote sensing of forest disturbances"

Forest disturbances are manifold and ubiquitous. In this webinar we will have four in-house and four external presentations from renowned institutes covering a broad range of forest disturbances such as windthrows, droughts, pathogens, insects and fires using cutting-edge remote sensing techniques. Besides latest research outcomes at different spatial and temporal scales, deeper insight into GEE for mapping disturbances will be given.

Date: WED 11 May 2022, 9:00-12:00

Join Zoom Meeting: https://wsl.zoom.us/j/67522612971

Topic: Remote Sensing Lectures, Time: May 11, 2022 09:00 AM Zürich, Meeting ID: 675 2261 2971



Schedule:

09:00-09:10	Welcome note, overview disturbances at WSL Lars Waser, Remote sensing group, WSL
09:10-09:30	Remote Sensing for monitoring ash dieback in Germany Petra Adler, FVA Freiburg, Germany
09:30-09:50	Bark beetle damage detection in Bavaria Christoph Straub, LWF Freising, Germany
09:50-10:10	Large-scale early-wilting response of Central European forests to the 2018 extreme drought Philipp Brun, Dynamic macroecology group, WSL
10:10-10:30	The drought of 2018 and its effects on bark beetle outbreaks in Swiss forests Achilleas Psomas, Remote sensing group, WSL
10:30-10:45	Break
10:45-11:20	3 presentations from University of Florence, Italy: Overview, Big data (Gherardo Chirici) Storm damages "Vaia" using multi-remote sensing data (Francesca Giannetti) GEE for large-area disturbance mapping (Saverio Francini)
11.20-11:40	Rapid Sentinel-1-based detection of windthrows - first results of the FNEWs project Marius Rüetschi, Remote sensing group, WSL
11:40-12:00	From pixels to events: identifying storms and fires from satellite-based disturbance maps Cornelius Senf, TUM, Freising, Germany
12:00	Wrap-up and closing

See you there,

Lars Waser, Dominique Weber, Marius Rüetschi and Tiziana Koch

Don't want to miss upcoming remote sensing lectures?
Send an email to waser@wsl.ch to be added to the remotesensing@wsl.ch list.