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

# Remote Sensing Lectures "Light regimes in forests"

A webinar covering the full range of new and traditional remote sensing techniques to measure forest structure, innovative methods and models to predict light availability within forests, and exciting applications of light regime data in forest ecology and hydrology.

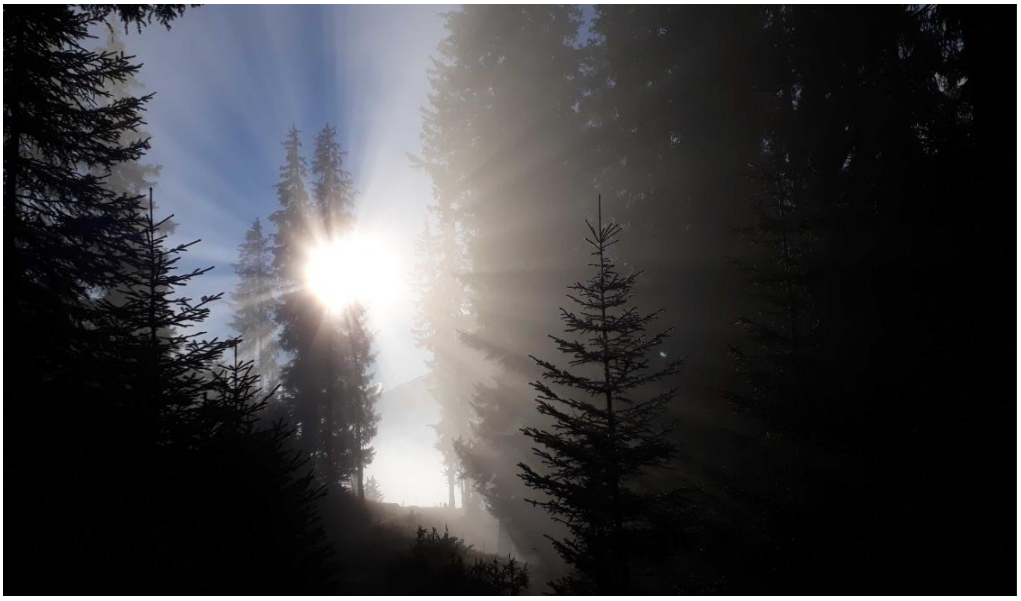
## Date: WED 18 November 2020, 9:00-12:15

Due to the current Covid-19 situation, it will be completely online.

## Link to the webinar:

https://wsl.zoom.us/j/98163251455?pwd=TUZmNmNYOHRUNUFwR1UxaStrc0ljQT09

Meeting ID: 981 6325 1455
Passcode: 961282



## Schedule:

**09:00** **Welcome note**

**09:05-09:35** **Measuring 3D forest structure for light regime modelling**
*Daniel Kükenbrink, Remote sensing group, WSL*

**09:35-10:05** **Measuring forest structure with spaceborne and terrestrial lidar to drive heterogeneous radiative transfer models**
*Steven Hancock, University of Edinburgh*

**10:05-10:35** **Hemispherical image-based modelling approaches to estimate detailed canopy radiative transfer**
*Clare Webster, Remote sensing and Snow hydrology group, WSL, SLF*

**10:35-10:40** **Short break**

**10:40-11:10** **Leveraging detailed radiative transfer schemes for snow-hydrological modelling in forested environments**
*Giulia Mazzotti, Snow hydrology group, SLF*

**11:10-11:40** **Forest microclimates drive plant responses to warming: Implications and novel methods**
*Florian Zellweger, Resource analysis group, WSL*

**11:40-12:10** **Action plan for open forests: Incorporating species data to promote suitable conservation measures**
*David Hanimann, GIS group, WSL*

**12:10** **Closing**

See you there,

Lars Waser, Tobias Jonas, Christian Ginzler and Clare Webster

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.