

# Colloquium in Climatology, Climate Impact and Remote Sensing

## Autumn Semester 2020

Wednesdays, 14:15, seminar room 116, Mittelstrasse 43, 3012 Bern

Zoom Room: <https://unibe-ch.zoom.us/j/92361406198>

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|---------|---|
| Sept 30 | <b>Santos Gonzalez (University of Bern)</b><br>Experiences with data assimilation over the Iberian Peninsula using WRF and WRFDA                          |
| Oct 7   | <b>Gian Lieberherr (MeteoSchweiz)</b><br>New pollen monitoring network in Switzerland   |
| Oct 14  | <b>Gabrielle De Lannoy (KULeuven)</b><br>Estimating soil moisture from space using microwave radiation  |
| Oct 21  | <b>Sebastian Sippel (ETHZ)</b><br>Characterizing and detecting climate signals in observations and models using statistical learning                      |
| Oct 28  | <b>Hélène Barras (University of Bern)</b><br>The prediction of hail in Switzerland  |
| Nov 4   | <b>Simona Trefalt (MeteoSchweiz)</b><br>Preparing radar hail data for climatological studies – the long way to (sort of) homogeneous data                 |
| Nov 11  | <b>Regula Mülchi (University of Bern)</b><br>Future Changes in River Runoff and Extreme Moisture Transport towards Switzerland                            |
| Nov 18  | <b>Emanuele Bevacqua (University of Reading)</b><br>Projections of the compound flooding potential from coastal processes and cyclone clusters            |
| Nov 25  | <b>Martin Stengel (DWD)</b><br>Generating global, satellite-based cloud property datasets for climate research  |
| Dec 2   | <b>Christoph Aubrecht (ESA – World Bank)</b><br>More Space for Development – Satellites boosting International Cooperation on Climate Resilience          |
| Dec 9   | <b>Eric Samakinwa (University of Bern)</b><br>Global monthly sea surface temperature and sea ice reconstruction for large ensemble historical simulations |
| Dec 16  | <b>Benjamin Stocker (ETHZ)</b><br>Searching for principles to predict terrestrial ecosystem dynamics  |