

Colloquium in Climatology, Climate Impact and Remote Sensing

Autumn Semester 2020

Wednesdays, 14:15, Zoom Room: <https://unibe-ch.zoom.us/j/92361406198>

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