

Colloquium in Climatology, Climate Impact, Remote Sensing, and Geocomputation

Spring Semester 2024

Wednesdays, 2:15, seminar room F -123, Lerchenweg 36, 3012 Bern
Zoom Room: <https://unibe-ch.zoom.us/j/62818249605>

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| Feb 28 | Prof. Dr. Robert Jeffrey Trapp (University of Illinois)
PERiLS: A field campaign devoted to study of hazardous mesoscale convective systems |
| Mar 06 | Dr. Paolo Benettin (University of Lausanne)
Timescales of watershed responses to storm events |
| Mar 13 | Dr. Alexandre Tuel (Geolabe)
Measuring soil moisture from satellite data: science and challenges |
| Mar 20 | Wei Wang (University of Bern)
Near-surface air temperature estimation for areas with sparse observations based on transfer learning |
| Mar 27 | Prof. Dr. Robert Jnglin Wills (ETHZ)
Multi-Decadal Climate Projections: Are Climate Models Fit for Purpose? |
| Apr 24 | Prof. Dr. Michael Raissig (University of Bern)
Making better "breathing pores" - how stomatal form improves plant-atmosphere gas exchange in grasses |
| May 1 | Vitus Benson (Max Planck Institute for Biogeochemistry)
Multi-modal deep learning for geospatial vegetation forecasting |
| May 8 | Dr. Maja Zuvella-Aloise (GeoSphere Austria)
Urban heat and adaptation to climate change on example of Austrian cities |
| May 15 | Dr. Jonathan Mittaz (University of Reading)
Metrology or the science of measurement and climate data from satellite based Earth observations |
| May 22 | Dr. Dr. Lluís Pérez-Planells (Karlsruhe Institute of Technology)
Land surface temperature retrieval and its annual-diurnal modelling |
| May 29 | Prof. Dr. Gabriele Manoli (EPFL)
Drivers and health impacts of urban heat islands |