

Colloquium in Climatology, Climate Impact and Remote Sensing

Spring Semester 2018

Wednesdays, 14:15, seminar room 310 (CDE), Hallerstrasse 10, 3012 Bern

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| March 7 | Pamela Köllner (BAFU)
How does Switzerland adapt to climate change?
The strategy of the Federal Council |
| March 14 | Prof. Dr. Andreas Christen (University of Freiburg)
Atmospheric measurement techniques to measure greenhouse gas emissions from cities |
| March 21 | Dr. Hanna Joos (ETH Zurich)
Importance of cloud microphysics for extra-tropical dynamics |
| March 28 | Dr. Ulrich Meyer (University of Bern)
GRACE satellite gravimetry and the EGSIM combination service for terrestrial gravity fields |
| April 18 | Dr. Rainer Hollmann (DWD)
Atmospheric Climate Data Records from Satellite measurements –
Where are we today? |
| April 25 | Dr. Nadav Peleg (ETH Zurich)
How does temperature affect spatio-temporal properties of heavy rainfall?
Insights from analyzing weather radar data |
| May 2 | Matthias Roethlisberger (University of Bern)
Recurrent Rossby wave patterns and their effect on persistent sensible surface weather |
| May 9 | Sina Lenggenhager (University of Bern)
Interaction of atmospheric blocks and heavy precipitation events |
| May 16 | Dr. Nicholas Graham (Hydrologic Research Center)
The mid-Holocene decline of Megalake Chad and the puzzling 4.2 ka BP Event |
| May 23 | Prof. Dr. Thomas Frölicher (University of Bern)
Marine heat waves under global warming |
| May 30 | Dr. Simon Gascoïn (CESBIO)
Sentinels for snow science |