

20th
SWISS CLIMATE SUMMER SCHOOL
 28 August – 2 September 2022
 Grindelwald

EXTREME WEATHER AND CLIMATE: FROM ATMOSPHERIC PROCESSES TO IMPACTS ON ECOSYSTEMS AND SOCIETY

ETH zürich

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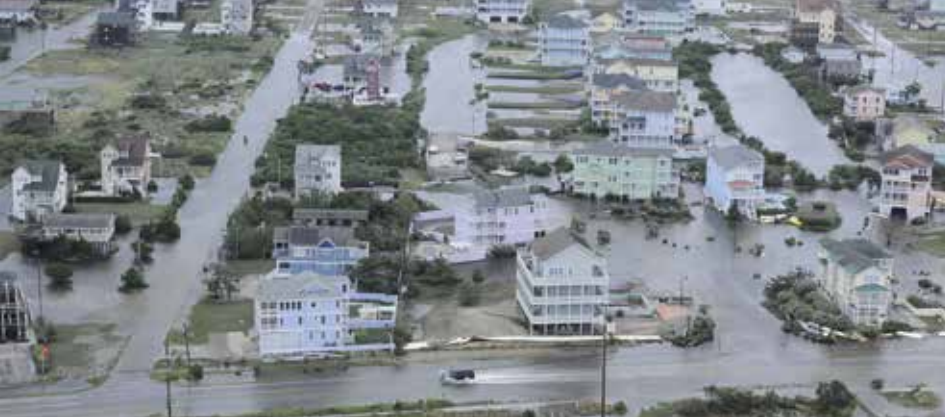
UNIVERSITÄT BERN
OESCHGER CENTRE
 CLIMATE CHANGE RESEARCH



THE ATMOSPHERIC PERSPECTIVE AND THE IMPACTS PERSPECTIVE



ATMOSPHERIC PROCESSES AND STATISTICAL CONCEPTS



IMPACTS OF EXTREME EVENTS ON HUMANS, ECOSYSTEMS, AND SOCIETY



WHY SHOULD WE CARE?



SWISS CLIMATE RESEARCH

The network of leading Swiss institutions in climate research and education invites young scientists to join high-profile climate researchers in a scenic Swiss Alpine setting for keynote lectures, workshops, and poster sessions on the occasion of the 20th Swiss Climate Summer School 2022.

SCOPE OF THE SUMMER SCHOOL

The 20th Swiss Climate Summer School is focusing on the theme "Extreme weather and climate: from atmospheric processes to impacts on ecosystems and society". This theme has been chosen due to its paramount importance in terms of both scientific challenges and pressing societal concerns. Always with a focus on extreme weather and climate, the specific topics include:

- The atmospheric perspective and the impacts perspective
- Atmospheric processes and statistical concepts
- Impacts of extreme events on humans, ecosystems, and society
- Why should we care?

This summer school addresses Early Stage Researchers from the climate, engineering, social and economic sciences. In addition to keynote lectures from internationally renowned experts and extensive time for discussions and poster sessions, two half days will be spent in smaller groups working jointly on concrete case studies, involving practitioners. The theme of the summer school is very timely, as the role of extreme weather and climate is a rapidly emerging topic for science, technology, and policymaking alike, and has also led to several initiatives around the world. All Summer School participants are expected to present a poster of their research.

LECTURERS FOR KEYNOTES AND ORGANIZERS (confirmed)

CLAUS BEISBART (U Bern, CH)
STEFAN BREM (BABS, CH)
DAVID BRESCH (ETH Zurich, CH)
STEFAN BRÖNNIMANN (U Bern, CH)
ERICH FISCHER (ETH Zurich, CH)
JÖRG FRANKE (U Bern, CH)
KATJA FRIELER (PIK Potsdam, D)
THOMAS FRÖLICHER (U Bern, CH)

REBECCA MORSS (UCAR/NCAR Boulder, USA)
CHRISTIAN OTTO (PIK Potsdam, D)
CHRISTOPH C. RAIBLE (U Bern, CH)
OLIVIA ROMPPAINEN-MARTIUS (U Bern, CH)
ALEXANDER RUANE (NASA GISS, USA)
SONIA I. SENEVIRATNE (ETH Zurich, CH)
THOMAS F. STOCKER (U Bern, CH)
ANA MARIA VICEDO CABRERA (U Bern, CH)

DEADLINE FOR APPLICATIONS: 16 JANUARY 2022

The Summer School is open to young researchers (PhD students and Post-Docs) worldwide. Participation is highly competitive and will be limited to a maximum of 70. The registration fee (1300 CHF) includes half board accommodation, excursion, and teaching material. Successful applicants will be notified in February 2022. Detailed information and the application form are available at: www.oeschger.unibe.ch/summerschool

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The Swiss Climate Summer School is organized and supported by:

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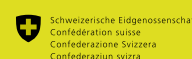


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