Climate-Water-Energy-Food-Nexus

Impact of Climate Change on the Water, Energy, and Food Systems

- How can we create innovation across the climate, water, energy, and food systems?
- What is the adaptation potential of the water, energy and food systems?
- How can achieving climate mitigation and adaptation goals have positive spill-overs on the water, energy and food systems?


Benefits for the Water, Energy, and Food Systems from Achieving Climate Mitigation and Adaptation

- Innovation goals have positive spill-overs on the water, energy and food systems.
- What are the ethical and societal implications when we take the nexus approach seriously and consider the climate, water, energy, and food systems together?

Ethical and Societal Implications of the Nexus Approach

Swiss Climate Research

The network of leading Swiss institutions in climate research and education invites young scientists to join high-profile climate researchers in southern Switzerland for keynote lectures, workshops, and poster sessions on the occasion of the 21 st Swiss Climate Summer School 2023

Scope of the Summer School

The 21st International Swiss Climate Summer School focuses on the theme “Climate-Water-Energy-Food-Nexus.” The purpose of this highly interdisciplinary summer school is to bring early stage researchers in touch with established scientists from different disciplines to bridge the topic of climate change with sustainable development goals strongly focusing on social, economic, and humanitarian aspects. The main questions to be addressed in the keynote lectures and discussed in smaller groups within the plenary sessions are:

- What is the impact of the changing climate on the water, energy, and food systems?
- How can we innovate across the climate, water, energy, and food systems for them to be co-beneficial for sustainable development goals and transformation towards a net zero society?

Lecturers for Keynotes and Organizers

J. Fanzo (John Hopkins University, USA)
D. Conway (LSE, UK)
R. Garrett (Cambridge, UK)
D. Bresch (U Aarhus, DK)
A. Brant Pedersen (U Cambridge, UK)
K. Ingold (U Bern, CH)
S. Seneviratne (ETH, CH)
C. Schnadt Poberaj (ETH, CH)
T. Schmidt (ETH, CH)
R. Winkler (U Bern, CH)
R. Lenfant (U Exeter, UK)
T. Schmidt (ETH, CH)
S. Seneviratne (ETH, CH)
R. Winkler (U Bern, CH)

For more information and the application form are available at: www.climateresearch.ch.

Deadlines for applications: 27 February 2023

The summer school is open to early stage researchers (PhD students and postgraduate students) worldwide. Participation is highly competitive and limited to a maximum of 65. The registration fee (1350 CHF) includes full board accommodation, excursion, and teaching material. Successful applicants will be notified in March 2023. The Swiss Climate Summer School is organised akin to a conference and is structured around keynote lectures by internationally renowned experts with ample time for discussions, poster sessions, workshops, and concluding workshop summaries, as well as a panel discussion that involves lecturers and participants. All summer school participants are expected to present a poster of their research to discuss their own research with the other participants. The summer school is organised back-to-back with the ETH Zurich summer school “Energy Technology, Policy and Politics: How can we reach a net zero GHG emissions energy supply?” from 27 August – 1 September 2023 allowing interested participants to expand their knowledge on both the complex nature of the climate-energy-food system and the necessary energy transition towards a net zero society.

Monte Verità, Ascona, Switzerland
3 – 8 September 2023

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