

Climate Reconstruction and Impacts from the Archives of Societies (CRIAS)

1 – 2 October 2018, University of Bern, Switzerland



(c) Bern Tourismus

1st Workshop:

Methods and interdisciplinary communication in historical climatology

SCOPE OF THE WORKSHOP

Human-made records—the “archives of societies”—play a unique role in climate reconstruction. They provide precise information from annual to daily resolution, at defined locations, for all seasons. However, the information in archives of society is neither as continuous nor homogenous as that from physical records left by natural processes (the “archives of nature”). The diversity of sources demands a diversity of methods for reconstruction, as well as careful compilation and interpretation to overcome problems of subjectivity and errors in recording and transmission.

To get the most precise and significant results from historical climatology it is crucial to adopt interdisciplinary approaches and to combine methods and results from archives of societies with those from the archives of nature. Moreover, a combination of societal with natural archives can thus be used for calibration of natural archive proxies.

This workshop aims to evaluate and integrate different methodological approaches from historical climatology over all historical periods (including antiquity) and geographical regions, and to identify and disseminate best practices in the field. Secondly, the workshop aims to promote interdisciplinary collaboration between historical climatologists and (paleo)climatologists, especially by identifying ways to effectively share historical climatology data and combine historical and paleoclimate information in high-resolution reconstructions.

SESSIONS

We invite contributions from all fields dealing with

- methodological approaches of climate reconstructions based on documentary data (e.g. wine phenology, grain phenology, indices)
- methodological approaches of modelling climate impacts on past society
- interdisciplinary approaches combining historical climatology and other disciplines of climatology

CONFIRMED SPEAKERS

Rudolf Brázdil, Masaryk University, Brno, Czech Republic
Heli Huhtamaa, University of Bern and University of Heidelberg, Germany
Rüdiger Glaser, Albert Ludwigs Universität, Freiburg, Germany
Xiuqi Fang, Beijing Normal University, Beijing, China
Jie Fei, Fudan University, Shanghai, China

REGISTRATION AND CALL FOR PAPERS

The two-day workshop consists of various sessions. In each session, we will hear 3 – 4 presentations, followed by a discussion. The workshop language is English. Presenters of accepted papers are asked to speak for 15-20 minutes. Proposed papers are to be submitted together with the registration.

The registration fee of CHF 100 (no student discount) includes workshop registration, materials, coffee breaks, and lunch on both days.

Deadline for abstract submission: 24 June 2018

Deadline for registration without proposed paper: 20 September 2018

Online registration open from 25 May 2018:

www.oeschger.unibe.ch/crias

We look forward to meeting you in Bern!

Chantal Camenisch, Sam White, Martin Bauch, Qing Pei, and Christian Rohr
on behalf of the Organizing Committee

The workshop is supported by:

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