

Departement Altertumswissenschaften

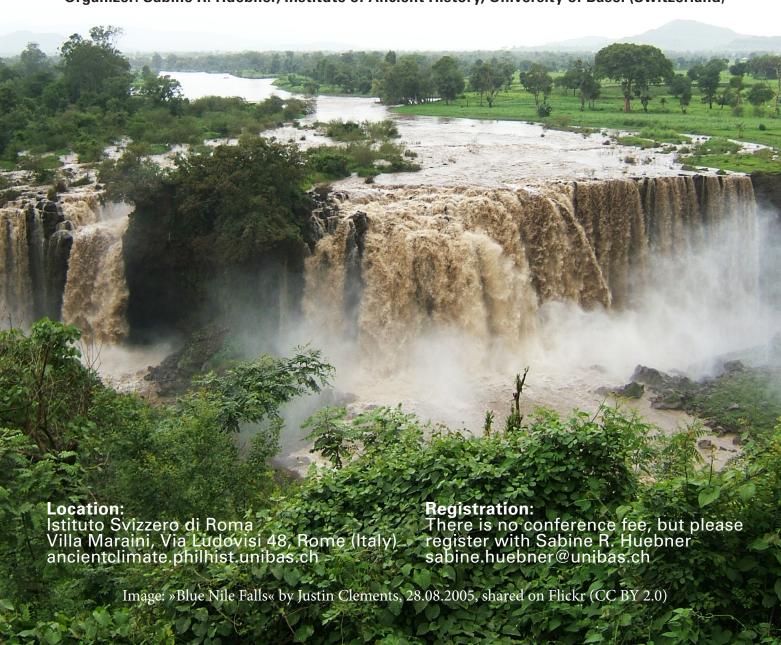


CLIMATE CHANGE IN THE BREADBASKET OF THE ROMAN EMPIRE

RECONSTRUCTING NILE FLOODS FOR THE ROMAN PERIOD

An interdisciplinary conference held at the Swiss Institute in Rome – January 23/24, 2020

Organizer: Sabine R. Huebner, Institute of Ancient History, University of Basel (Switzerland)



Program January 23, 2020

Session 1:

The Nile over the longue durée (chair: Markus Stoffel, Geneva)

14:30–15:00	Welcome and Introduction
15:00–15:30	Henry F. Lamb (Aberystwyth): Lake Tana and the Blue Nile: the last 150,000 years
15:30–16:00	Cecile Blanchet (Potsdam): Flood dynamics during the last Saharan Humid Period: clues from a laminated record from the Nile deep-sea fan
16:00–16:30	Elena Xoplaki (Giessen): Precipitation variability and changes in monsoonal Africa - Associations with northern Egyptian hydroclimate in new comprehensive earth system models prior to CE 700
16:30–17:00	Coffee
17:00–17:30	Judith Bunbury (Cambridge): Evidence for Graeco-Roman Climate and environment; tying climate records to observations from the field
17:30–18:00	Response by Irene Soto Marín (Basel) and General Discussion
20:00	Dinner

Program January 24, 2020

Session 2:

Historical case studies of Nile flood extremes during Roman times (chair: Marco Maiuro, Rome)

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9:30–10:00	Anna Arpaia (Pavia): The Nile breaks the banks: unfavorable floods in some documents from the 1st century BC Herakleopolite
10:00–10:30	Katherine Blouin (Toronto): Good Flood, Bad Flood: Environmental entanglements in the Roman Northeastern Delta
10:30–11:00	Sabine R. Huebner (Basel): Did shifts in the African Monsoon lead to the decline of the Roman Fayum from the third century CE?
11:00–11:30	Coffee
11:30–12:00	Christophe Corona (Clermont): Multi-proxy approach provides insights into climate variability in Central Italy at the End of the Roman Empire: Insights of Work in the Nile river
12:00–12:30	Response by Elio Lo Cascio (Rome) and General discussion

12:30-13:30 Lunch

Program January 24, 2020

Session 3:

Natural proxies for reconstructing Nile floods during the Roman period (chair: Sabine R. Huebner, Basel)

13:30-14:00

Matthieu Ghilardi (Aix-en-Provence):

Nile River evolution during Graeco-Roman times in Egypt: what we learn from sediment archives?

14:00-14:30

Markus Stoffel (Geneva):

Tracking changes in Nile floods with tree rings: Possibilities and limitations

14:30-15:00

Coffee

15:00-15:30

Kevin Anchukaitis (Tucson):

Inference from the periphery: large-scale climate variability and Nile floods during the Common Era

15:30-16:00

Response by Federico de Romanis (Rome) and General Discussion

Organization

Organizer:

Sabine R. Huebner, Institute of Ancient History, University of Basel (Switzerland) ancientclimate.philhist.unibas.ch

Registration:

There is no conference fee, but please register with Sabine R. Huebner <u>sabine.huebner@unibas.ch</u>

Location:

Istituto Svizzero di Roma Villa Maraini, Via Ludovisi 48, Rome (Italy) istitutosvizzero.it

