



human development in landscapes
GRADUATE SCHOOL AT THE UNIVERSITY OF KIEL

Invitation to a one-day joined workshop at the University of Kiel

Theme: Cultural response to climate changes during the Holocene in Northern Europe with special focus on crop cultivation

Date: 22nd of November 2011, 9am – 3pm

Place: Kiel University, Graduate School HDL, Leibnizstrasse 3, room 123

Contents:

Environmental changes in the past were caused by both, climatic oscillations and/or by the impact of prehistoric societies. To disentangle the influence of humans from climatic ones, it is necessary to apply natural scientific methods on archaeological material. As plants are distinct sensitive indicators for short and long-term environmental changes, they can be used to examine the relationship between climate, biodiversity and changes in land-use systems and food supply. The cross-disciplinary project HUMCLIM – Human reaction on past climate changes in Northern Europe – tried to shed light on the question which impact climatic changes had on the diversity of the staple foods during the Holocene in Northern Europe. This topic and the content of the attached references will be the starting point for the discussions during the workshop.

Contributions in form of Power point presentations are welcome.

Timetable:

9:15	Welcome by Johannes Müller
9:30 - 10:00	Introductory lecture by Sabine Karg
10:00 - 10:15	Coffee break
10:15 - 12:00	Discussion of the following topics: Key periods of major climatic changes during the Holocene Key sites with good chronological control of events
12:00 - 13:15	Lunch break
13:15 - 15:00	Discussion and rounding up by Sabine Karg and Wiebke Kirleis

Organisers:

Sabine Karg, SAXO Institute, Archaeology, University of Copenhagen, Denmark

Wiebke Kirleis and Johannes Müller, Graduate School Human Development in Landscapes, CA University of Kiel, Germany

For any inquiries please, contact Sabine Karg: karg@hum.ku.dk

References for the one-day joined workshop

Van de Noort R. 2011: Conceptualising climate change archaeology. *Antiquity* 85, 1039-1048.

Seppä H., Birks H.J.B., Bjune A.E., Nesje A. 2010: Current continental palaeoclimatic research in the Nordic region (100 years since Gunnar Andersson 1909) – Introduction. *Boreas* DOI 10.1111/j.1502-3885.2010.00170.x

Berglund B.E. 2003: Human impact and climate changes – synchronous events and a causal link? *Quaternary International* 105, 7-11.