



ESF-HOLIVAR



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Climate-human society interactions during the Holocene

May 9 - 12, 2005

Programme

The HOLIVAR programme seeks to bring together European scientists interested in climate variability over the last 11,500 years (the Holocene period). The scientists principally include palaeoclimatologists, climate historians and climate modellers. The over-arching research questions of the programme concern how and why climate has varied naturally on different time-scales (annual to centennial) during the Holocene and how an understanding of past variability can be used to improve the performance of climate models. Although HOLIVAR is a free-standing programme it is also a contribution to the PAGES/CLIVAR intersection, a joint project sponsored by the International Geosphere Biosphere Programme (PAGES) and the World Climate Research Programme (CLIVAR).

MAJOR THEMES FOR THE 6TH HOLIVAR WORKSHOP:

- The role of Holocene climate change in past European Socio-economic changes.
- Alternative models of climate-human interactions: linking future impact assessment to the history of past changes.
- The roles of land cover change in late Holocene climate change.
- Ecological impacts of climate-human interactions

LOCATION: Kilsbergen conference centre in Ånnaboda in central Sweden.

HOSTS/LOCAL ORGANISERS:

Karin Holmgren and Barbara Wohlfarth

Dept. of Physical Geography and Quaternary Geology, Stockholm University

Mats Widgren

Dept. of Human Geography, Stockholm University

WORKSHOP PROGRAMME (reservation for minor changes)

Monday 9th May			
<i>Time</i>	<i>Name</i>	<i>Title</i>	
17.30-18.30	<i>Dinner</i>		
18.30-19.00	Holmgren/Öberg/Battarbee/Oldfield	Welcome note practical information	
19.00-20.00	Karin Holmgren and Anders Moberg	Climate variability and human societies, introduction to the workshop	
Tuesday 10th May			
9-00-9.30	Rudolf Brázdil	Documentary evidence of economic character as a source of information for the study of past climate variability and its human impact	Moderator: John Dearing Rapporteur: Anders Moberg
9.30-10.00	Dario Camuffo	Biblical references to the climate and to the plagues of Egypt	
10.00-10.30	<i>Tea/Coffee</i>		
10.30-11.00	Arlene Rosen	Human adaptation to climate change in the ancient Near East	
11.00-11.30	Christian Pfister	Little Ice Age type impacts and changing vulnerabilities of agrarian societies in Central Europe (1550 to 1860)	
11.30-12.30	Discussion		
12.30-13.30	<i>Lunch</i>		
13.30-14.00	Erica Gobet	Climatic change and human societies in Central Europe	Moderator: Rudolf Brázdil Rapporteur: Kai Wirtz
14.00-14.30	Karin Koinig	Holocene and modern climate change and human impact reflected in Alpine lake sediments	
14.30-15.00	Penélope González-Samperiz	Environmental and cultural changes in Mediterranean Iberia during the Holocene	
15.00-15.30	<i>Tea/Coffee</i>		
15.30-16.00	Ricarda Voigt	Lake Jues: Settlement history as reflection of climatic change	

16.00-16.30	Bas van Geel	The impact of climate change at the Subboreal/Subatlantic transition	
16.30-17.30	Discussion		
18.00-19.00	<i>Dinner</i>		
19.00-21.00	Climate -human society interactions Evening discussion with snacks		Moderator: Mats Widgren
Wednesday 11th May			
9-00-9.30	Hans von Storch	A history of human perceptions of anthropogenic climate change in the past 1000 years	Moderator: Arlene Rosen Rapporteur: Ricarda Voigt
9.30-10.00	Viktor Brovkin	Simulations of land cover, carbon cycle, and climate change during the Holocene	
10.00-10.30	<i>Tea/Coffee</i>		
10.30-11.00	Karl Van Oost	Carbon cycling in terrestrial ecosystems: a geomorphological perspective	
11.00-11.30	Kai Wirtz	Endogenous control of cultural dynamics in a variable Holocene climate	
11.30-12.30	Discussion		
12.30-13.30	<i>Lunch</i>		
13.30-14.00	Stefan Wolters	Ecological effects of land cover change in medieval and modern times in northeastern Germany	Moderator: Erika Gobet Rapporteur: Barbara Wohlfarth
14.00-14.30	Crisanto Aguilera	Linking land use and hydrological changes from Holocene incision and sedimentation in Roman and present day reservoirs, Central Ebro basin Spain	
14.30-15.00	Marie-José Gaillard	Late Holocene climate change in southern Sweden: Did land-cover change during the last 3000 calendar years matters?	
15.00-15.30	<i>Tea/Coffee</i>		
15.30-16.00	John Dearing	Past climate-human society interactions: mindsets, methods and models	
16.00-17.00	Discussion		

17.00-18.00	Group discussions	Future perspectives	Moderator: Barbara Wohlfarth
<i>19.00</i>	<i>Dinner</i>		
Thursday 12th may			
9.00-10.00	Reporting from group discussions and rapporteurs		
10.00-11.00	Holmgren/Wohlfarth/Oldfield	Concluding remarks, closing workshop	
<i>11.00-12.00</i>	<i>Sandwiches</i>		
12.00	Departure		