

EU Advanced Study Course: Holocene Climate Reconstruction

LONDON, UK, JUNE 15–25, 1998

Expert Lectures

Forcing mechanisms and climate simulations in the Holocene

Paul Valdes (Reading University)

Jonathon Overpeck (National Geophysical Data Center)

Instrumental and documentary records

Phil Jones (University of East Anglia) Roy

Thompson (University of Edinburgh) Peter

Brimblecombe (University of East Anglia)

Chronologies and temporal time scales

Mike Baillie, (Queens University, Belfast)

Valerie Hall (Queens University, Belfast)

Jonathan Pilcher (Queens University, Belfast)

Ingemar Renberg (Umea University)

Proxy archives used in Holocene climate reconstructions

Keith Barber (Southampton University)

Julie Cole (University of Colorado) Sheri

Fritz (LeHigh University) Stein-Erik

Lauritzen (University of Bergen) Mark

Maslin (University College London) John

Matthews (University of Wales) David

Peel (British Antarctic Survey)

Proxy methods and climate reconstruction

John Birks (University of Bergen) Steve

Brooks (Natural History Museum) Sheri

Fritz (LeHigh University) Joel Guiot (Uni-

versity of Marseilles) Jonathan Holmes

(Kingston University) Phil Jones (Univer-

sity of East Anglia) Andy Lotter

(University of Bern)

Applications of Holocene climate research in PEP III

Keith Bennett (Cambridge University)

Atte Korhola (Helsinki University) Henry

Lamb (Aberystwyth University) Frank

Sirocko (University of Kiel) Tony

Stevenson (Newcastle University) Lucia

Wick (University of Bern)

Human society and climate history in PEP III

Fekri Hassan (University College London)

Steve Shennan (University College Lon-

don) Paul Sinclair (University of Uppsala)

Holocene climate research in other regions: PEP I, PEP II, CAPE and Antarctica

John Dodson (Perth University) Viv Jones

(University College London) Glen

Macdonald (University of Colorado) Vera

Markgraf (University of Colorado)

The Environmental Change Research Centre, University College London, hosted an eleven day Advanced Study Course entitled "Holocene Climate Reconstruction", earlier this year from June 15th to 25th. The course was funded by the European Union, and 30 European PhD and Masters candidates, selected by a scientific panel, were invited to attend with all accommodation and food paid.

Classes were designed to follow closely the scientific agenda set out by the IGBP Past Global Changes (PAGES) program, and the Executive Director of PAGES, Prof. Frank Oldfield, gave the opening paper. The course was designed to strengthen the European science base in paleoclimatic research well into the next century, and consisted of a series of lectures, followed by discussions and computer-based practicals. The course thus provided a unique forum for young European scientists to hear some 36 international experts give in depth overviews of their research field, and discuss the latest research findings and state of the art techniques (see "Expert Lectures").

The students prepared posters which were displayed throughout the meeting, and they also presented short papers (20 minutes) on their research to the rest of the group. The overall quality of the posters and presentations was outstanding, with many at a level comparable with international meetings. Three poster and three presentation winners were however, selected on the basis of quality of presentation, clarity, scientific input and stage of career (see "Winners").

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<http://www.geog.ucl.ac.uk/ecrc/advanced.htm>

Full references for the reports and papers published in this newsletter can be obtained from the respective authors

Winners

Posters

Anna Agusti-Panadera

(Edinburgh University, UK)

Reconstructing 200 years of climate change at remote alpine lakes in Europe

Sonja Hausmann

(University of Berne, Switzerland)

High-resolution study of the last centuries in the laminated sediments of subalpine Seebergsee (Switzerland)

Christin Jensen

(Tromsø University, Norway)

Reconstructions of Holocene forest-line displacements and climate in North-Norway

Presentations

Bodo Bookhagen

(Potsdam University, Germany)

Water balance model of a landslide dammed lake in the Andes of NW Argentina (26°S, 66°W)

Graziella Bozzano

(Barcelona University, Spain)

A case study of paleoclimate variability deduced from the marine sedimentary records

Jorijntje Hendericks

(ETH-Zentrum, Switzerland)

Holocene coccolith assemblages and morphology in the eastern boundary current system (NW Africa)

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PAST GLOBAL CHANGES

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