

Putting PAGES together

For the first time since the establishment of its program of Foci and Activities, PAGES has held a meeting of virtually all the scientists responsible for coordinating PAGES research throughout the world. This **Leaders Meeting** took place in Hilterfingen, Switzerland on the north shore of Lake Thun, November 8 and 9, 1997. The main goals of the meeting were to summarize progress in each area of activity, to review the PAGES project as a whole, to promote synergism between the various research teams and to put PAGES on course for making the best possible impact at the Open Science Meeting.

PAGES derives its distinctive identity from prioritizing the study of those aspects of past global change that contribute crucially to our understanding of Earth system function on human timescales and to our capacity to improve the quality of any assessment of future climate changes and their impacts. Even with this strongly focused research agenda, the range of tasks to which PAGES is committed is broad and diverse. The challenge of synthesizing the results is a daunting one. Full documentation of all the PAGES activities will soon be available through publication of the 'PAGES Status Report and Implementation Plan', now complete and due for publication early in 1998.

To some degree, the structure of PAGES includes built-in patterns of coordination. Some of these, like **PEP I**, are already at the stage where preliminary syntheses can be attempted (see Calendar entry on the **Merida Meeting**). Beyond these, the **PAGES Open Science Meeting** to be held in London April 20 - 23, 1998, will provide an over-arching compilation of PAGES science and of its significance for the future (see this page).

In parallel with presentational syntheses at meetings and in the publications that grow out of them, PAGES shares an additional key responsibility: the WDC-A Paleoclimate Data Base which can be accessed via either NGDC in Boulder Colorado (<http://www.ngdc.noaa.gov/paleo/igbp-dis/index.html>) or Météo-France in Toulouse, France (<http://www.cnr.meteo.fr:8000/igbp>) constitutes a major global resource and a long term PAGES legacy of growing value. Efforts are underway to ensure that the facility meets the data needs of all PAGES research. The **Data Workshop** in Boulder, (February 9 - 12, 1998) is an important stepping stone in this direction. ■

PAGES OPEN SCIENCE MEETING

Senate House, University of London, April 20 - 23, 1998

DRAFT PROGRAM

MONDAY APRIL 20

8.45 - 9.25 Ray Bradley
9.25 - 10.05 Keith Briffa

Introductory overview
Annual climate variability in the Holocene; interpreting the message of ancient trees.
Corals: grand archives of tropical paleoclimate

10.15 - 10.45 Mike Gagan

Coffee break

11.15 - 11.55 Lonnie Thompson
11.55 - 12.35 Vera Markgraf

Ice core evidence for climate change in the Tropics: Implications for our future
Interhemispheric paleoclimate linkages and forcing in the Americas from decadal to millennial scales

Lunch

14.00 - 14.40 Zhisheng An
14.40 - 15.20 Françoise Gasse
15.20 - 16.00 Jim Knox

The history and variability of East Asian monsoon climate
The temporal evolution of African climates based on lake system records
Magnitudes and spatial patterns of Holocene hydrologic sensitivities to global climate changes

16.00 - 18.00 **Poster session 1**

TUESDAY APRIL 21

8.45 - 9.25 Richard Alley

Abrupt climate changes of the past — and the future? — lessons from the Greenland ice cores.

9.25 - 10.05 Elsa Cortijo

Rapid climatic variability of the Atlantic Ocean and global climate: a focus on the IMAGES program.

10.05 - 10.45 Dominique Raynaud

The past record of greenhouse gases: a view in the context of future changes

Coffee break

11.15 - 11.55 Juerg Beer
11.55 - 12.35 Greg Zielinski

The role of the sun in climate forcing
Determining the range of variability in the volcanism-climate system through multi-disciplinary evaluations of explosive eruptions over the last 100,000 years

Lunch

14.00 - 14.40 Thomas Stocker
14.40 - 15.20 Suki Manabe
15.20 - 16.00 Edouard Bard

Past and future reorganizations in the climate system.
The study of abrupt climate change by a coupled ocean atmosphere model
Comparing temperatures of the glacial ocean quantified with the alkenone method and simulated by numerical models

16.00 - 18.00 **Poster session 2**

BANQUET

WEDNESDAY APRIL 22

8.45 - 9.25 Anne De Vernal

Sea-ice, sea-surface salinity and the halo/thermocline structure in the northern North Atlantic: modern vs. last glacial maximum

9.24 - 10.05 Sylvie Joussaume

The Paleoclimate Modeling Intercomparison Project: what can we learn when using several different climate models run under past climates?

10.05 - 10.45 Sandy Harrison

How well can we simulate past climates? Evaluating the models using global paleoenvironmental data sets

Coffee break

11.15 - 11.55 Jean Jouzel

Water isotopes in precipitation : Data/model comparison for present-day and past climates
TBA

11.55 - 12.35 David Rind

Lunch

14.00 - 14.40 Colin Prentice
14.40 - 15.20 Ed Boyle

Role of the terrestrial biosphere in Earth system dynamics.
Abrupt climate change and the ocean thermohaline circulation: the search for causes and effects

15.20 - 16.00 Tom Pedersen

Influences of oceanic rheostats and amplifiers on atmospheric pCO₂ during the late quaternary

16.00 - 18.00 **Poster session 3**

THURSDAY APRIL 23

8.45 - 9.25 Paul Colinvaux

Response of Amazonian and other tropical plant communities to climatic changes of glacial cycles.

9.25 - 10.05 Rick Battarbee

Lakes, climate change and the role of paleolimnology: past changes, future threats

10.05 - 10.45 Peter DeMenocal

Holocene variations in subtropical Atlantic Climate and SSTs: a perspective on past social implications of abrupt change

Coffee break

11.15 - 11.55 Jonathan Overpeck

Assessing future climate change and its impacts: the role of PAGES data

11.55 - 12.35 Bruno Messerli

TBA

Lunch

14.00 - 16.00 Panel Discussion chaired by Chris Rapley

The Poster presentations will be broken into three one day sessions and arranged thematically. The deadline for poster abstract submission is now past.

Late poster abstracts are welcomed until March 15th although inclusion in the published abstracts volume cannot be guaranteed.

Registration:

The deadline for registration is March 15th, with late registrations possible up to the time of the meeting itself with additional fees imposed.

Pre-registration forms, housing registration forms, and the latest information on the meeting are available by e-mail from the PAGES office (pages@pages.unibe.ch) or from the PAGES website (<http://www.pages.unibe.ch/>).