

CCSM Paleoclimate Working Group Meeting

16–17 February 2006

University of Wisconsin – Madison: 1225 W. Dayton Street
AOS Building, Room No. 351
NCAR (via video conferencing): Center Green (CG1), Room 2503
Paleoclimate Working Group e-mail list: ccsm-paleoclimate@cgd.ucar.edu

AGENDA

Thursday, 16 February, 2006:

8:20 AM Refreshments
8:20 AM **Introduction** — Matt Huber and Zhengyu Liu (Co-Chairs)

Session I: Report on CCSM Paleoclimate Scientific Activity

Chair: A. Winguth

Each presentation: 25 minutes for talk, 5 minutes for questions

A. Pre-Quaternary

8:30 AM TBA — M. Huber
9:00 AM Miocene Simulation — J. You
9:30 AM Permian Carbon Cycle Simulations — A. Winguth
10:00 AM PETM — C. Kelly
10:30 AM Simulations of Latest Permian Atmospheric Chemistry: Implications for Terrestrial Mass Extinction (from NCAR) — J. Kiehl
11:00 AM Eocene Biosphere and Atmospheric Chemistry modeling (from NCAR) — C. Shellito

11:30 AM *Lunch Break*

B: Quaternary

1:00 PM Testing Early Human Impact Hypothesis — S. Vavrus
1:30 PM Transient Holocene Simulation — B. Briegleb
2:00 PM The Role of Interannual Variations in Solar and Volcanic Forcing on Century Scale Climate in the Late Holocene (from NCAR) — C. Ammann
2:30 PM Dust and Sea Salt Simulations for LGM and Permian — N. Mahowald

3:00 PM *Break*

3:30 PM Glacial Thermohaline and Climate, Implication on Interhemispheric Interaction — Z. Liu
4:00 PM CO₂ Stew: Potential Causes of the Glacial / Interglacial CO₂ Cycles — D. Archer
4:30 PM Using Paleodata to Constrain CAM3 Parametric Uncertainties — C. Jackson
5:00 PM Deglaciation (from Nebraska) — R. Oglesby
5:30 PM TBA (from Nebraska) — C. Rowe

Note: If the last 2 talks are not confirmed, the time slots will be used for discussions.

7:00 PM: *Dinner* (Z. Liu's house)

Friday, 17 February 2006

8:20 AM Refreshments

8:20 AM **Introduction** — Matt Huber and Zhengyu Liu (Co-Chairs)

Session II: Discussions on CSL allocations

Chair: C. Poulson

Each presentation: 15 minutes for talk, 15 minutes for questions

A. Quaternary Production

8:30 AM Interglacial Run — B. Otto-Bliesner

9:00 AM Last Two Millennia Climate (from NCAR) — C. Ammann

B. Pre-Quaternary Production

9:30 AM Pliocene Climate — M. Huber

10:00 AM Cretaceous Climate — C. Poulson

C. Development:

10:30 AM Update on CCSM Development — B. Otto-Bliesner

11:00 AM Discussion on Current CSL Allocations

11:30 AM Discussion on the Possible Future CSL Allocations

12:00 PM: **Adjourn**

Confirmed participants:

Matthew Huber, Purdue University (co-chair)

Zhengyu Liu, University of Wisconsin (co-chair)

David Archer, University of Chicago

Pat Behling, University of Wisconsin

Bruce Briegleb, NCAR

R. Gallimore, University of Wisconsin

Charles Jackson, University of Texas

Clay Kelly, University of Wisconsin

Bette Otto-Bliesner, NCAR

Chris Poulsen, University of Michigan

Yi Wang, University of Wisconsin

Arne Winguth, University of Wisconsin

John You, University of Sydney

Steve Vavrus, University of Wisconsin

Video Conferencing Participants:

Esther Brady, NCAR

Caspar Amman, NCAR

Noah Diffenbaugh, Purdue University

Jeff Kiehl, NCAR

Sam Levis, NCAR

Natalie Mahowald, NCAR

Carrie Morrill, NOAA/NESDIS

Robert Oglesby, University of Nebraska, Lincoln

Clinton Rowe, University of Nebraska, Lincoln

Cindy Shellito, University of Northern Colorado

Robert Tomas, NCAR