

CCSM Biogeochemistry Working Group Meeting
Tuesday, 28 March – Thursday, 30 March
NCAR, Mesa Lab, Damon Room
Agenda

Tuesday, 28 March 2006, p.m.

Session Joint with the Land WG

Arctic land feedbacks

- 1:15 Andrew Slater (NSIDC/CIRES/CU) – Introduction to Arctic climate change
- 1:35 Dave Lawrence (NCAR) – Permafrost and Arctic land feedbacks
- 2:00 Steve Running (Univ. MT) – Arctic carbon cycle
- 2:20 Jim Randerson (Univ. CA, Irvine) – High latitude fire impacts
- 2:40 Break – Main Seminar Room
- 3:00 James White (CU) – CGD Seminar, Methane Over the Last 2000 Years (Main Seminar Room)
- 4:10 Zong-Liang Yang (Univ. of TX, Austin) – Frozen soil, subgrid-snow
- 4:30 David Xiaodong Zeng (Univ. AZ) – Frozen soil
- 4:50 Sam Levis (NCAR) – DGVM shrubs
- 5:00 Dave Schimel (NCAR) - tba
- 5:15 Discussion
- 5:30 Adjourn

Wednesday, 29 March 2006, a.m.

Session Joint with Land WG

8:30 – 9:00 Continental breakfast

Land Model Intercomparison Project (LMIP)

- 9:00 Inez Fung (UCB)/Jim Randerson – Description of Project/Protocol
- 9:30 Jim Randerson – Start discussion of Metrics
- 9:45 Curt Covey (PCMDI) – BGC Taylor Diagram
- 10:00 Kyle Halliday (PCMDI) – PCMDI, CDMS, CDAT and LMIP
- 10:15 Reto Stockli (CSU) – Energy and Carbon Flux intercomparisons
- 10:15 More discussion of metrics/protocol
- 10:30 Break
- 11:00 Discussion: LMIP
- 12:00 Lunch **Joint session adjourned**

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BIOGEOCHEMISTRY Session only – p.m.

CCSM Biogeochemistry updates

- 1:00 Dave Erickson (ORNL) – SciDAC deliverable update
- 1:15 Peter Thornton (NCAR) – CLM-CN C4MIP results
- 1:45 Keith Lindsay (NCAR) and Peter Thornton – CCSM3 fully coupled run status
- 2:15 Discussion of future simulations
- 3:00 Break
- 3:30 Scott Elliot (LANL) – Ocean biogeochemistry and atmosphere fluxes
- 3:45 G. Bala (LLNL) – "Effects of global deforestation: Preliminary results from the LLNL climate-carbon model"
- 4:00 Francois Primeau (UCI) – Ocean biogeochemistry and implicit solvers
- 4:15 Atul Jain (Univ. IL) – Biomass Burning and Climate Modeling
- 4:30 Discussion of New Science issues
- 5:00 Adjourn

Thursday 30 March 2006

8:30 – 9:00 Continental breakfast

- 9:00 Discussion of priorities
- 12:00 Adjourn