

**Twelfth Session of the JSC/CLIVAR Working Group on Coupled
Modelling (WGCM)
Paris, 22-24 September 2008**

Provisional Agenda 12Sept08

DAY 1 - Monday, September 22

0900 - 0915

Welcome - J. Mitchell, G. Meehl

- Introduction and welcome - H. Le Treut
- Times, local arrangements - P. Braconnot
- Explanation of Agenda - J. Mitchell

Adoption of Agenda

0915 - 0940

Reports and news from governing groups (JSC/CLIVAR)

(5 minutes each)

- New Director WCRP: first impressions - G Asrar
- JSC-XXIX session, Arcachon, France - G.Flato
- CLIVAR SSG session and International CLIVAR Project Office - G. Meehl
- ACC - G.Flato
- Modelling Summit - J Mitchell, G Meehl

0940 - 1030

Presentation and discussion of the proposed CMIP5 coordinated climate change experiments to be assessed for IPCC AR5 leading to approval of experimental design by WGCM

-Introduce coordinated experiments addressing short term and longer term climate stabilization experiments (note ENSEMBLES activity) - G. Meehl
(30min including questions)

-Status of emission scenarios - links to WGII,III communities – K. Hibbard
(20 min including questions)

1030 - 1100 Coffee

-Detail on short term (decadal predictability/prediction) experiments - J. Murphy, G. Boer
(60 mins including discussion)

-Detail on long term experiments (and metrics) - K. Taylor, R. Stouffer, C. Le Quéré
(60 mins including discussion)

1300 - 1430 Lunch

1430 - 1550

Proposed coordination of experimental design with other activities; presentations of proposals from related communities

(20 minutes each including discussion)

- CFMIP/cloud feedbacks - S. Bony
- Chemistry - V. Eyring
- Paleoclimate/PMIP - P. Braconnot
- Regional models - F. Giorgi

1550 - 1620 Break

- WGNE - C. Jakob
- WGOMD – S. Griffies
- Ice sheets - D. Holland, J. Gregory
- Impacts/WGII -J. Mitchell, G. Meehl
- IDAG – D. Karoly

1800 - 1830

Recap of day's session and discussion of topics to be re-visited in the next 2 days

DAY 2 - Tuesday, September 23

0900 - 1100

Present integrated experimental design based on discussions Monday; seek approval from WGCM to proceed; next steps - G. Meehl, J. Mitchell

1100 - 1130 Break

1130 - 1300

Updates from modeling centers

Note some groups have more than one person listed since there are multiple attendees from some groups; we recommend, since the time slots for each group are only 12 minutes long and the time limit will be strictly enforced, that just one person make the presentation on behalf of each group (please focus presentation on where your modeling group is in the model development cycle related to the proposed experimental design, will your group use both classes of models or just one, perhaps illustrated with a science highlight, when do you anticipate starting to run the experiments, computing issues related to the large number of experiments proposed.

(12 minutes each, 3 minutes questions)

France IPSL

France Meteo France

Germany MPI

Canada CCCMa

Italy

Australia ACCESS

P. Braconnot/S. Bony/J.L. Dufresne

S. Planton/D. Salas Melia

M. Giorgetta

G. Flato

F. Giorgi/S. Gualdi

A. Hirst/K. Puri

1300 - 1430 Lunch

1430 - 1600

Japan CCSR/FRGC/U. Tokyo/NIES M. Kimoto

Japan MRI S Kusunoki

U.K. Hadley Centre C. Jones

U.K. Reading L. Shaffrey

U.S. NCAR G. Meehl/P. Gent

U.S. GFDL R. Stouffer

1600 - 1630 Break

1630 - 1800

U.S. NGFC

Korea KMA

China LASG

M Suarez

W.T. Kwon

B. Wang/T. Zhou

China BCC

Denmark Danish Met. Inst.

Norway NERSC

EC-Earth

T. Wu/Z. Wang

W. May

M. Bentsen, H. Drange

C. Jones

1815 Review, and plans for Wednesday

1830 Adjourn

DAY 3 - Wednesday, September 24

0900 - 1000

Coupled Model Intercomparison Project (CMIP) - R.Stouffer, C.Covey, K.Taylor, D. Bader

- Current status of CMIP3 multi-model dataset and analysis efforts
- CFMIP next steps (anything not discussed earlier under experimental design or under clouds and aerosols)
- How will model output from the next set of coordinated experiments be archived and accessed?

1000 - 1100

WGCM Discussion topics

(30 minutes including discussion each)

-Regional climate prediction- what are the issues and how should they be addressed by WCRP? - F. Giorgi and J. Mitchell

-Wider modeling issues – how is modeling best advanced in WCRP? - J. Mitchell and G. Meehl

1100 - 1130 Break

1130 - 1230

Review relation to wider WCRP, and with WGSIP, WGNE, AIMES, WG2, WG3, and others

1230 - 1400 Lunch

1400 - 1530

Recap of session, and re-visit any topics that need further consideration

1530 - 1600 Coffee break

1600 - 1730 Closed Session

- Membership issues
- Next Session: venue, dates

1730 End of WGCM-12 Session