

AeroCom @ Steamboat Springs prefinal-remarks

AeroCom

Scientific Committee

Task: Reflect on and Recommend an AeroCom work plan
Produce a written recommendation at each AeroCom workshop on how to go on, Track and review progress in AeroCom working groups

Members – Appointed each year anew at AeroCom workshop

Proposed members

Working group leaders, Model representatives, Co-Chairs

Nitrate Bian / BB Petrenko / Dust Balkanski / Microphysics Mann

Aerosol Cloud Interactions Ghan, Liu

Direct radiative forcing Myhre, Samset

GCMs Takemura CTMs Chin

COSP simulator Stier / Satellite data Kahn, Holzer-Popp

Aircraft simulator Schwarz, Stier, Chen

Surface data Ogren, Schulz / Co-chairs Schulz, Kinne, Chin

modelling: Where do we stand?

AeroCom yearly output updates

Motivation

Comparable output data set of the latest model version simulations
Would allow additional interpretation for special experiments.
Document model progress, provide feedback on model development

Procedure (if the model changed from lately)

AeroCom models should produce each year one Control simulation year 2008, with standard diagnostics, Strict format requirements

Model Submission before July 31 to AeroCom server at MetNo

Standard plots available during August; MetNo AeroCom webinterface
Validated against standard datasets,

Feedback from modellers to MetNo until Mid September

Summary and overview presentation at AeroCom workshop Sep/Oct

Which AeroCom experiments exist?

Make an order on AeroCom database per experiment

Rename old files?

Make a small overview on webpage (static)

Assemble old descriptions on wiki page

Make model version list per publication => web interface

New diagnostics

motivation AeroCom P3 / AerChemMIP

Forcing: Triple/Extra call for radiation for GCM type models
within AerChemMIP diagnostic packages: see afternoon

COSP-aerosol Working group on diagnostics implementation, coding
work cooperation, P Stier et al.

Surface site extraction: CFMIP Ogren, Schulz

Aircraft site: budgeted long model runs (covering 10 y)
P Stier, G Chen,

BB and nitrate experiments CMOR tables are soon ready,
Priorities emphasized in HTAP-AeroCom master table

QuickCheckList an ascii list of “file names” required

We should plan for Webinars
on how to implement diagnostics in a model

14th AeroCom workshop

AerChemMIP/CCMI/AeroCom/AeroSat joint meeting

5.10. – 9.10. 2015
Frascati, Italy



Monday

Tuesday

Wednesday

Thursday

Friday

AeroCom AeroCom AerChemMIP AeroCom....AEROSAT

Host ESA, Simon Pinnock

CCMI

CCMI

CCMI

Host CNR, Federico Fierli



Thanks

to Ian McCubbin Gannet Hallar John Ogren