GeoMIP 2013 Agenda

Sunday 14\textsuperscript{th} April

18:45 – 19:00 Gather in Mercure hotel reception and head for informal meal

Monday 15\textsuperscript{th} April

08:30 – 09:00 arrival with coffee

09:00 – 09:20 Welcome + logistics Pete Irvine + Mark Lawrence

09:20 – 09:40 Progress Report Ben Kravitz

Brief reports of GeoMIP stratospheric results – 10 minutes each including questions

09:40 – 09:50 Michael Mills – Prognostic stratospheric aerosol development in NCAR models

09:50 – 10:00 Francois Benduhn – Microphysical Limitations to Stratospheric Climate Engineering with Liquid Aerosol Particles

10:00 – 10:10 Angus Ferraro – Impact of aerosol & dimmed-sun geoengineering on stratospheric dynamics

10:10 – 10:20 Valentina Aquila – G4 experiment with the NASA GEOSCCM: the response of ozone and changes in the QBO

10:20 – 10:30 Discussion of results

10:30 – 11:00 tea break

Brief reports of GeoMIP climate change results – 10 minutes each including questions

11:00 – 11:10 Simon Driscoll – Simulations of the regional impacts of tropical volcanic eruptions in different configurations of HadGEM - with relevance to accurate simulation of sulphate aerosol geoengineering

11:10 – 11:20 Nicolas Huneeus – Climate sensitivity in global models to solar irradiance reduction and increased CO\textsubscript{2}

11:20 – 11:30 Ulrike Niemeier – Climatic impact of different solar irradiance reduction schemes

11:30 – 11:45 Discussion of results
11:45 – 11:55  Hannele Korhonen – Recent results from the Finnish COOL project
11:55 – 12:05  John Moore – Arctic response in the GeoMIP experiments
12:05 – 12:15  Piers Forster – WRF-CHEM modeling of sea salt spraying
12:15 – 12:30  Discussion of results
12:30 – 12:35  Group photo
12:35 – 13:05  Lunch break
13:05 – 14:00  Optional walk around lake

Brief reports of GeoMIP climate impacts results – 10 minutes each including questions

14:00 – 14:10  Jim Haywood – A multi-model assessment of the termination effect
14:10 – 14:20  Ben Kravitz – Winners and losers in solar geoengineering
14:20 – 14:30  Lili Xia – Impacts of Balancing CO₂ Increases with Solar Insolation Reductions (from the GeoMIP G2 scenario) on Chinese Agricultural Production
14:30 – 14:40  Tim Beringer – Multisectoral impacts simulations with the LPJmL biosphere model - perspectives for GeoMIP
14:40 – 15:00  Discussion of results
15:00 – 15:30  Discussion of future disciplinary analysis

15:30 – 16:00  Tea break
16:00 – 17:00  Discussion on how to make the most out of geoMIP output
17:00 – 17:30  Open discussion
17:30 – 19:00  Tour of Potsdam
19:00  Dinner
Tuesday 16th April

08:30 – 09:00  Arrival with coffee

09:00 – 09:20  Recap and allocate time for discussion  Pete Irvine

_Brief reports on interdisciplinary geoengineering research at IASS – 10 minutes each including questions_

09:20 – 09:30  Thilo Wiertz – The virtual reality of geoengineering

09:30 – 09:40  Anna-Maria Hubert and David Reichwein – The use of scientific models as evidence in international courts and tribunals

09:40 – 09:50  Achim Maas – A policy perspective on geoMIP

09:50 – 10:30  Discussion of how GeoMIP results relate to social science research and policy advice

10:30 – 11:00  Tea break

11:00 – 11:15  Ben Kravitz – Summary of proposed extensions to GeoMIP experiments

11:15 – 12:30  Discussion of the future of GeoMIP

12:30 – 13:30  Lunch break

13:30 – 15:00  Free discussion + wrap up

15:00  OFFICIAL END

15:00 – 15:30  Tea break

15:30 – 18:00  Time and space for informal discussions or group meetings

18:00 – 19:30  Evening panel discussion – 'Mind the Gap – Climate Engineering between Models and Reality'

19:30  Standing Buffet