

**Fourth GeoMIP Meeting
24-25 April 2014**

**Salle des thèses, Cordeliers
15 rue de l'Ecole de Médecine
75006 Paris, France**

Wednesday, 23 April 2014

Meet for dinner at 19:00 (for those who have arrived in town)
La Vielle Tour Restaurant, 62 Rue Mouffetard

Thursday, 24 April 2014

9:00-9:30	Arrival	
9:30-9:45	Welcome and Introduction	
9:45-10:00	GeoMIP progress report	Ben Kravitz
10:00-11:00	<i>Four short talks (12 mins. each + questions)</i>	
	The stratospheric response to sulfate geoengineering	Ulrike Niemeier
	The effects of stratospheric sulfate geoengineering on ozone	Gianni Pitari
	Response of Indian monsoon to geoengineering	Saroj Kanta Mishra
	Impacts, effectiveness, and regional inequalities of the GeoMIP G1 to G4 SRM scenarios	Xiaoyong Yu
11:00-11:30	Coffee break	
11:30-12:45	<i>Five short talks</i>	
	GeoMIP SC and G4 simulations in HadGEM2-ES	Julia Crook
	Impacts of geoengineering on agriculture and ecosystems	Alan Robock and Lili Xia
	Simulated response of vegetation to the G1 experiment	Susanne Glienke

	<i>Short talks (continued)</i>	
	Effect of carbon coupling on global precipitation in CanESM2	Jason Cole
	G1ocean-albedo results from EC-Earth	Shuting Yang
12:45-14:00	Group photo, followed by lunch in the cloister	
14:00-15:30	<i>Six short talks</i>	
	Realistic sea-salt injection in WRF-CHEM high resolution case studies	Annabel Jenkins
	Geoengineering and ENSO	Corey Gabriel
	Modulation of Southern Hemisphere climate drivers by large-scale geoengineering	Steven Phipps and Andrew Lenton
	Asymmetries between the onset and termination of geoengineering	Simon Driscoll
	Controlling Arctic sea ice with stratospheric injection	Lawrence Jackson
	Prognostic stratospheric sulfate aerosol for volcanoes and geoengineering in CESM/WACCM	Mike Mills
15:30-16:15	Coffee break	
16:15-17:30	<i>Four short talks</i>	
	Can regional geoengineering save the Arctic sea ice?	Simone Tilmes
	TBD	Helene Muri
	Irreversibility of Earth system associated with CDR and SRM	Shingo Watanabe
	Radiation management without suppression of precipitation?	Jón Egill Kristjánsson
	Update on SPICE	Scott Osprey
17:30-19:00	Informal short tour combined with walk to dinner	
19:00	Dinner (Location TBD)	

Friday, 25 April 2014

- 9:00 Start of meeting
- 9:00-10:30 Status of GeoMIP (discussion)
Are we happy with where we are and what we've done?
Plans for using G1ocean-albedo, G4cdnc and G4sea-salt
List of potential papers
- 10:30-11:00 Coffee break
- 11:00-12:30 Future of GeoMIP (discussion)
Endorsement by CMIP6
Proposed simulations for CCM1
How do we want to continue GeoMIP?
New experiments?
Management structure?
Next meeting?
Interdisciplinary interactions in GeoMIP?
- 12:30-14:00 Lunch in the cloister
- 14:00-15:15 Additional discussions and wrap-up
- 15:15 Official end of meeting