

AGENDA
for the Joint IPCC WGI/WGII/WGIII Expert Meeting on Geoengineering
Lima, Peru, 20-22 June 2011

MONDAY, 20 JUNE 2011

8:00 Registration

8:30 Welcome and Introduction

- Welcome Address (Local Host)
- Welcome Address (WG I, II & III Co-Chairs)

8:45 FRAMING PLENARY: Overview on Current State of Science, Geoengineering Options, Current Activities (Chair: Ramon Pichs-Madruga)

8:45-9:00 Framing Keynote F-1: *Geoengineering in the AR4, Objectives of the Expert Meeting & Challenges for the AR5* (IPCC Co-Chairs)

9:00-9:30 Framing Keynote F-2: *The State of Knowledge on Geoengineering: A Review of Existing Research and Knowledge Gaps* (David Keith)

9:30-10:45 Panel Reactions and Discussion (*Moderator: Nicolas Gruber; Panelists: Alan Robock, Jane Long, Robert Scholes, Shreekant Gupta*)

10:45 Coffee Break

11:15 PLENARY SESSION I: Solar Radiation Management (Chair: Thomas Stocker)

11:15-11:35 Keynote I-1: *Science and Technology of Solar Radiation Management* (Phil Rasch)

11:35-11:55 Keynote I-2: *Residual Climate Change and Unintended Consequences of Solar Radiation Management* (Thomas Peter)

11:55-12:15 Keynote I-3: *A Primer on the Economics of Solar Radiation Management* (Scott Barrett)

12:15-12:45 Discussion

12:45 Lunch

13:45 PLENARY SESSION II: Carbon Dioxide Removal (Chair: Chris Field)

13:45-14:05 Keynote II-1: *Carbon Dioxide Removal in the Oceans: Biological, Chemical, and Physical* (Nicolas Gruber)

14:05-14:25 Keynote II-2: *Carbon Dioxide Removal on Land: Biological and Chemical* (Peter Cox)

14:25-14:45 Keynote II-3: *Industrial CO₂ Removal: CO₂ Capture from Ambient Air and Geological Sequestration* (James Dooley)

14:45-15:15 Discussion

15:15 Introduction to Breakout Groups (BOGs) (Ottmar Edenhofer)
15:30 Coffee Break
16:00 BREAKOUT GROUPS I: Options, Scope and Key Approaches
17:30 Poster Presentations: Short introduction of poster topics (Chair: Youba Sokona)
18:00 Poster Session
19:00 Adjourn
RECEPTION (ON-SITE)

TUESDAY, 21 JUNE 2011

8:30 Summary of Day 1 and Introduction to Day 2 (IPCC Co-Chairs)
8:35 BOG I Reports and Plenary Discussion (Chair: Ramon Pichs-Madruga)
9:30 PLENARY SESSION III: Cross-cutting Issues: Risk, Time Scales and Governance (Chair: Ottmar Edenhofer)
9:30-9:50 Keynote III-1: *Policy, Governance and Socio-Economical Aspects of SRM and CDR* (Catherine Redgwell)
9:50-10:10 Keynote III-2: *The Role of Different Geoengineering Options in Long-Term Responses to Climate Change* (Ken Caldeira)
10:10 Coffee Break
10:40 PLENARY SESSION III: Cross-cutting Issues: Risk, Time Scales and Governance (Cont'd) (Chair: Youba Sokona)
10:40-11:00 Keynote III-3: *Geoengineering in a Risk Management Framework* (Granger Morgan)
11:00-11:20 Keynote III-4: *International Cooperation and Governance of Geoengineering* (Arunabha Ghosh)
11:20-12:00 Discussion
12:00 Lunch
13:00 BREAKOUT GROUPS II: Cross-cutting Issues: Risk, Time Scales and Governance
14:30 BOG II Reports and Plenary Discussion (Chair: Chris Field)
15:30 Coffee Break
16:00 BREAKOUT GROUPS III: Working Group I, II, III Perspectives
17:30 BOG III Reports and Plenary Discussion (Chair: Thomas Stocker)
18:30 Adjourn
RECEPTION (OFF-SITE)

WEDNESDAY, 22 JUNE 2011

9:00 SYNTHESIS PLENARY: Synthesis of previous talks and BOG discussions (Chair: Chris Field)

9:00 Synthesis Presentation S-1: Meeting perspectives for SRM (by SSG Members, 20 min) & Discussion

9:30 Synthesis Presentation S-2: Meeting perspectives for CDR (by SSG Members, 20 min) & Discussion

10:00 Plenary Discussion

10:30-11:00 Coffee Break

11:00-13:00 FINAL PLENARY (Chair: Ottmar Edenhofer)

- Final discussion and approval of any recommendations to AR5 authors and the research community, including suggestions for potential glossary entries for the AR5
- Closing remarks by Co-Chairs

13:00 Lunch

14:00 Adjourn