

Draft Program

Geoengineering the Climate? A Southern Hemisphere perspective.

Latest update: 22 August

DAY 1 – 26 SEPTEMBER 2011

9.30am	Registration and Morning Tea
10:20am	Opening and Welcome – Kurt Lambeck, Emeritus Professor, Research School of Earth Sciences, Australian National University
<i>SESSION 1: Introduction to Geoengineering the Climate</i>	
<i>Issue 1: Background and key findings – Royal Society, Asilomar, IPCC meetings</i>	
10.30am	Speaker – Graeme Pearman (Graeme Pearman Consulting Pty Ltd)
11.00am	Respondent – Neville Smith (Bureau of Meteorology)
11.10am	Discussion
<i>SESSION 2: Carbon dioxide removal</i>	
<i>Issue 2: Soil carbon and biochar</i>	
11.30am	Speaker - Mike Raupach (CSIRO Marine and Atmospheric Research)
12 noon	Respondent – Roger Gifford (CSIRO)
12.10pm	Discussion
12.30pm	Lunch
<i>Issue 3: Afforestation and reforestation</i>	
1.30pm	Speaker - Fabiano Ximenes (NSW Department of Primary Industries)
2.00pm	Respondent - Heather Keith (Fenner School of Environment and Society, ANU)
2.10pm	Discussion
<i>Issue 4: Carbon capture and storage (geological)</i>	
2.30pm	Speaker – Peter Cook (CO2 CRC)
3.00pm	Respondent – Ian Dunlop (Australia 21)
3.10pm	Discussion
3.30pm	Afternoon Tea
<i>SESSION 3: Ocean fertilization and enhanced marine uptake</i>	
<i>Issue 5:</i>	
4.00pm	Speaker – Tom Trull (ACE CRC)
4.30pm	Respondent – Michael Borowitzka (Murdoch University)
4.40pm	Discussion
5.00pm	Formal Session Close
5.15pm	Drinks/Poster Session

DAY 2 – 27 SEPTEMBER 2011

8.30am	Coffee/Tea
<i>SESSION 4: Solar radiation management</i>	
<i>Issue 6: Stratospheric aerosol enhancement</i>	
9.00am	Speaker – Greg Bodeker (Bodeker Scientific NZ)
9.30am	Respondent – Robyn Schofield (University of Melbourne)
9.40am	Discussion
<i>Issue 7: Cloud brightening through aerosols</i>	
10.00am	Speaker – Leon Rotstayn (CSIRO Marine and Atmospheric Research)
10.30am	Respondent – Stephen Siems (Monash University)
10.40am	Discussion
11:00am Morning Tea	
<i>Issue 8: Combining carbon dioxide reduction and solar radiation management</i>	
11.15am	Speaker – Tom Wigley (NCAR USA and Univ. of Adelaide)
11.45am	Respondent – Harriet Harden-Davies (Academy of Technological Sciences and Engineering)
11.55am	Discussion
SESSION 5: Governance, ethics, and risks	
<i>Issue 9: International governance</i>	
12.15pm	Speaker – Roger Beale (Price Waterhouse Coopers)
12.45pm	Respondent – John Virgoe (British High Commission)
12.55pm	Discussion
1.15pm Lunch	
<i>Issue 10: Ethics and risks</i>	
2.15pm	Speaker – Clive Hamilton (Charles Sturt University)
2.45pm	Respondent - Jeremy Baskin (Cambridge Programme for Sustainability Leadership, Cambridge University)
2.55pm	Discussion
3.15pm Wrap-up and Summary – David Karoly	
4.00pm Thank you and Close	