



Negative Emissions Conference

30-31 October 2018

The Shine Dome, Canberra

Conference Program

Day 1 30-October-18	
8:00 AM	Registration and coffee
8:50 AM	Welcome day 1
<i>Session host - Philip Boyd</i>	
9:00 AM	Conference opening - Dr Alan Finkel, Australia's Chief Scientist
9:10 AM	Plenary session – snapshot for policy-makers, industry, and media
9:20 AM	Carbon cycle fundamentals & role of negative emissions (Pep Canadell, CSIRO, Canberra)
9:40 AM	Land-based carbon sequestration opportunities under the Emissions Reduction Fund (Paul Ryan, Forests Section, Climate Change Division, Depart. Environment and Energy)
10:00 AM	Challenges and opportunities for negative emissions (Clare Heyward, IASS, Potsdam, Germany)
10:20 AM	Integrating negative emissions into the climate change policy discourse (Henry Adams, Common Capital)
10:40 AM	Discussion
11:00 AM	Morning tea
<i>Session host - Philip Boyd</i>	
11:30 AM	Keynote: Multi-faceted CO2 removal methods – Phillip Williamson (UEA)
12:20 PM	Lunch
<i>Session host - Justin Borevitz</i>	
1:20 PM	Enhanced Ocean Productivity with Macronutrients off the NW Shelf of Australia and the Sustainable Development Goals (SDG's) (David Rissik)
1:40 PM	Technologies for maximising biochar's carbon sequestration potential (Wolfram Buss)
2:00 PM	The potential contribution of bioenergy and CCS (BECCS) to negative emissions (Peter Cook)
2:20 PM	Geoengineering and the Blockchain (Andrew Lockley)
2:40 PM	SOLAS Science and the environmental impacts of marine geoengineering (Cliff Law)
3:00 PM	afternoon tea
<i>Session host - Nerilie Abram</i>	
3:20 PM	Keynote: Simulated effectiveness, side effects and sustainability of multi-centennial climate engineering - Andreas Oschlies (GEOMAR)
4:10 PM	Keynote: Model simulations of future CO2 drawdown – Andrew Lenton (CSIRO)
4:40 PM	discussion
5:00 PM	Drinks and posters

Day 2 31-October-18	
8:00 AM	Registration and coffee
8:50 AM	Welcome day 2
<i>Session host - TBA</i>	
9:00 AM	Keynote- Benefits and challenges of key land- and ocean-based technologies - Justin Borevitz (ANU)
9:40 AM	Blue carbon in coastal wetlands (Catherine Lovelock)
10:00 AM	Food fish and carbon farming with Kelp (Todd Michael)

10:20 AM	Developing the Wetlands Blue Carbon Road Map for the Emissions Reduction Fund (Vyt Vilkaitis)
10:40 AM	Morning tea
<i>Session host - Bec Colvin</i>	
11:00 AM	Keynote - Minimum negative emissions requirements for achieving the Paris climate targets - Jessica Strefler (PIK)
11:50 AM	The utility of Multi-Criteria Decision Analysis (MCDA) to evaluate the relative merits of a wide range of negative emissions technologies (Philip Boyd)
12:10 AM	The Governance of Bioenergy with Carbon Capture & Storage and Direct Air Capture & Storage: Barriers, Challengers, & Research Gaps (Aaron Tang)
12:30 PM	Lunch
<i>Session host - Mark Howden</i>	
1:30 PM	Keynote - The Application of a Human-Rights Based Approach to Governance of Deployment Carbon Dioxide Removal Technologies - Wil Burns (CIPI)
2:10 PM	Beyond "social impacts": A framework for characterising the social aspects of negative emissions technologies (Matthew Kearnes)
2:30 PM	Regulatory frameworks for negative CO2 emission technologies (Jeff McGee)
2:50 PM	Can we have it all? Governing potential conflict between land-based negative emissions approaches and climate adaptation strategies for biodiversity (Philipa McCormack)
3:10 PM	Is Australian Law Ready for Negative Emissions? (Kerryn Brent)
3:30 PM	Afternoon tea
4:00 PM	Closing plenary: Negative emissions in the context of Earth System trajectories – Will Steffen (ANU)
5:00 PM	Finish