



FORUM for
CLIMATE ENGINEERING
ASSESSMENT



UNIVERSITY OF CALIFORNIA BERKELEY
Center for Science,
Technology, Medicine
& Society

ASU LightWorks[®]
Arizona State University

Carbon Dioxide Removal/Negative Emissions Technologies Workshop

FEBRUARY 8, 2017, SHATTUCK PLAZA HOTEL, 2086 ALLSTON WAY, BERKELEY, CA

- **Coffee: 8:15-8:45am**

Introductions

8:45-9:15am

- Wil Burns/Simon Nicholson, Co-Executive Directors, Forum for Climate Engineering Assessment, School of International Service, American University
- Gretchen Gano, Associate Director for Research, Center for Science, Technology, Medicine & Society, University of California-Berkeley
- Ellen Stechel, Deputy Director of the ASU-LightWorks® Initiative & Professor of Practice, School of Molecular Sciences, Arizona State University

Overview The Exigencies Driving CDR/NETs

9:15-9:45am

- Katharine Mach, Stanford University, Senior Research Scientist, Earth System Science Director, Stanford Environment Assessment Facility, Stanford University

SESSION 1: Bioenergy and Carbon Capture and Storage (BECCS)

9:50am-11:50am

Chair: Elizabeth Graffy, Professor of Practice, School for the Future of Innovation in Society & Co-Director, Energy Policy, Law and Governance, ASU-LightWorks, Arizona State University

- Dan Sanchez, Carnegie Institution for Science, Stanford University
- David M. Babson, Technology Manager, Bioenergy Technologies Office, U.S. Department of Energy
- Margaret S. Torn, Lead, Biosphere-Atmosphere Interactions Program Domain, Lawrence Berkeley National Laboratory
- Tim Searchinger, Senior Fellow, World Resources Institute & Research Scholar and Lecturer, Woodrow Wilson School, Princeton University



LUNCH

11:50am-1:00pm

SESSION 2: Other Large-Scale CDR/NETs Approaches

1:00-2:45pm

Chair: George Collins, Attorney and Co-Founder of the Climate Engineering Scenarios Working Group

- Ellen Stechel, Deputy Director of the ASU-LightWorks® Initiative & Professor of Practice, School of Molecular Sciences, Arizona State University (Direct Air Capture & Carbon Dioxide Recycling)
- Dan Whaley, CEO, Hypothesis (Ocean Iron Fertilization)
- Greg Rau, Researcher, Institute of Marine Sciences, University of California-Santa Cruz (Mineral Weathering)

COFFEE BREAK

2:45-3:15pm

SESSION 3: Agriculture/Forestry Approaches

3:15-4:45pm

Chair: Jane A. Flegal, Doctoral Candidate, Environmental Science, Policy & Management, University of California-Berkeley

- Noah Deich, Executive Director, Center for Carbon Removal (Forest sector carbon sequestration)
- Chad Frischmann, Research Director, Drawdown (Agriculture sector sequestration)
- Brian von Herzen, Executive Director, The Climate Foundation (Biochar and ocean sequestration)

The Paris Agreement and CDR/NETs Options

4:45-5:15pm

- Wil Burns, Co-Executive Director, Forum for Climate Engineering Assessment, American University, School of International Service

Overview of the Carnegie Climate Geoengineering Governance Initiative

5:15-5:30pm

- Janos Pasztor, Senior Fellow, Carnegie Council for Ethics in International Affairs & Executive Director, Carnegie Climate Geoengineering Governance Initiative



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Final Attendee Thoughts and Future Agenda

5.30-6.00pm