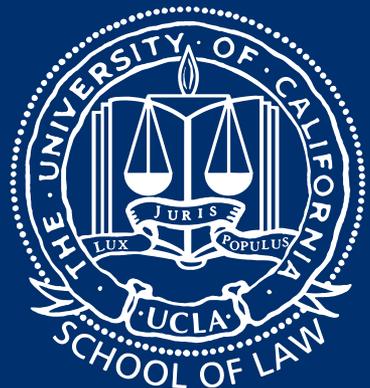
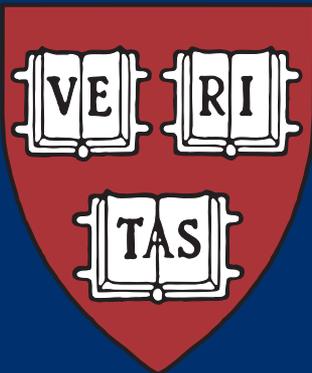


Forum on U.S. Solar Geoengineering Research

March 24, 2017

The Conference Center at the
Carnegie Endowment for International Peace
1779 Massachusetts Ave NW, Washington, DC 20036



Welcome

Welcome to the Forum on U.S. Solar Geoengineering Research. The Forum is co-hosted by the Solar Geoengineering Research Program at Harvard University and the Emmett Center on Climate Change and the Environment at the University of California, Los Angeles. It is funded through a generous grant by the Alfred P. Sloan Foundation.

Agenda

8:45 – 9:00 a.m.

Setting the Stage

- » Lizzie Burns – Fellow, Harvard John A. Paulson School of Engineering and Applied Sciences
- » Edward A. (Ted) Parson – Dan and Rae Emmett Professor of Environmental Law; Faculty Co-Director, Emmett Center on Climate Change and the Environment, UCLA School of Law
- » Gernot Wagner – Research Associate, Harvard John A. Paulson School of Engineering and Applied Sciences; Lecturer, Environmental Science and Public Policy; Associate, Harvard University Center for the Environment

PART I: THE SCIENCE

9:00 – 10:15 a.m

Social Science: What we know, and what we ought to know

- » Edward A. (Ted) Parson [Moderator] – Dan and Rae Emmett Professor of Environmental Law; Faculty Co-Director, Emmett Center on Climate Change and the Environment, UCLA School of Law
- » Scott Barrett – Lenfest-Earth Institute Professor of Natural Resource Economics, Columbia University
- » Holly Buck – Doctoral Candidate, Development Sociology, Cornell University; Faculty Fellow, Forum for Climate Engineering Assessment, American University
- » Rose Cairns – Research Fellow, SPRU – Science Policy Research Unit, University of Sussex
- » Kate Ricke – Assistant Professor, Scripps Institution of Oceanography and the School of Global Policy and Strategy at University of California San Diego

10:30 a.m. – 11:45 a.m.

Natural Science: What we know, and what we ought to know

- » Doug MacMartin [Moderator] – Senior Research Associate, Cornell University
- » Thomas Ackerman – Professor of Atmospheric Sciences and Director of the Joint Institute for the Study of the Atmosphere and Ocean (JISAO), University of Washington
- » David Keith – Gordon McKay Professor of Applied Physics, Harvard John A. Paulson School of Engineering and Applied Sciences; Professor of Public Policy, Harvard Kennedy School
- » Joyce Penner – Ralph J. Cicerone Distinguished University Professor of Atmospheric Science, University of Michigan
- » Alan Robock – Distinguished Professor, Department of Environmental Sciences, Rutgers University
- » Daniel Schrag – Sturgis Hooper Professor of Geology, Professor of Environmental Science and Engineering, Harvard University; Director, Harvard University Center for the Environment; Director, Harvard Kennedy School Program on Science, Technology, and Public Policy

11:45 a.m. – 12:45 p.m Lunch

PART II: POLICY AND POLITICS

12:45 – 2:00 p.m.

State of Play

- » Jesse Reynolds [Moderator] – Postdoctoral Researcher, Faculty of Law, Economics and Governance, Utrecht University, The Netherlands
- » Peter C. Frumhoff – Director of Science and Policy, Union of Concerned Scientists
- » Steven P. Hamburg – Chief Scientist, Environmental Defense Fund
- » Joseph Majkut – Director of Climate Science, Niskanen Center
- » Janos Pasztor – Senior Fellow, Carnegie Council for Ethics in International Affairs; Executive Director, Carnegie Climate Geoengineering Governance Initiative (C2G2)
- » Janie Wise Thompson – Vice President, Cassidy & Associates

2:15 – 3:30 p.m.

The Path Forward

- » Oliver Morton [Moderator] – Senior Editor, Essays and Briefings, The Economist
- » Anna-Maria Hubert – Assistant Professor, Faculty of Law, University of Calgary; Associate Fellow, Institute for Science, Innovation and Society (InSIS), University of Oxford
- » Peter Kareiva – Director, Institute of the Environment and Sustainability, UCLA; Former Chief Scientist and Vice President, The Nature Conservancy
- » Andrew Light – Distinguished Senior Fellow in the Climate Program, World Resources Institute; University Professor, George Mason University
- » Jane C. S. Long – Lawrence Livermore National Lab (ret)
- » Kelly Wanser – Principal Director, Marine Cloud Brightening Project

3:30 – 3:45 p.m.

Conclusion & Next Steps

- » Gernot Wagner – Research Associate, Harvard John A. Paulson School of Engineering and Applied Sciences; Lecturer, Environmental Science and Public Policy; Associate, Harvard University Center for the Environment

Thank you

We would like to thank the Alfred P. Sloan Foundation for supporting this Forum, and the Carnegie Endowment for International Peace for hosting us in its Conference Center.

We would also like to thank our speakers and our guests—you—for participating in the Forum. We appreciate everyone's generosity in sharing their time and expertise.

Video footage of the live broadcast of the Forum, as well as an electronic version of the background paper containing participants' written contributions, will be made available online at geoengineering.environment.harvard.edu.



Harvard's Solar Geoengineering Research Program:
geoengineering.environment.harvard.edu



Emmett Center on Climate Change and the Environment
at the University of California, Los Angeles:
law.ucla.edu/centers/environmental-law/emmett-institute-on-climate-change-and-the-environment