



Research Roundtable on Global Climate Change Governance: Geoengineering

Thursday, May 18, 2017 — Friday, May 19, 2017

This event is co-sponsored by the Buffett Institute for Global Studies at Northwestern University.

Thursday May 18th

11:45 p.m. **Lunch**

12:45 to 2:15 **Session One—The Precautionary Principle and Geoengineering**

Geoengineering: A Case for Precautionary Globalism

Sarah Light, Assistant Professor of Legal Studies and Business Ethics, The Wharton School, University of Pennsylvania

Governing Climate Geoengineering in an Unequal World

Prakash Kashwan, Assistant Professor, Department of Political Science, University of Connecticut

Biodiversity, Geoengineering, and the Evolution of Dueling Precautionary Principles

Kalyani Robbins, Associate Professor of Law, Florida International University College of Law

The Future (im)perfect: International Civil Society Responses to Geoengineering

Klaus Weber, Kellogg School of Management, Northwestern University*

Grace Augustine, Kellogg School of Management, Northwestern University

Daniel Milner, Kellogg School of Management, Northwestern University

2:15-2:30 **Break**

2:30 to 3:45 **Session Two—International Institutions and Geoengineering**

The Paris Agreement and Climate Geoengineering Options

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

Neil Craik, Associate Professor, Director of School of Environment, Enterprise and Development, University of Waterloo

International Governance Pathways for Climate Engineering

Simon Nicholson, Assistant Professor and Director of the Global Environmental Politics Program, School of International Service, American University

Regulating Geoengineering: International Competition and Coordination

Soheil Shayegh, Fondazione Eni Enrico Mattei (FEEM), Milan, Italy*

Garth Heutel, Department of Economics, Georgia State University

Juan Moreno-Cruz, School of Economics, Georgia Institute of Technology

3:45 to 4:00 **Break**

4:00 to 5:00 **Session Three—Geoengineering Science and Its Implications for Governance**

Characteristics of a Solar Geoengineering Deployment: Considerations for Governance

Douglas MacMartin, Senior Research Associate, Mechanical and Aerospace Engineering, Cornell University, and Visiting Associate, Computing + Mathematical Sciences, California Institute of Technology

Peter J. Irvine, School of Engineering and Applied Sciences (SEAS), Harvard University

Ben Kravitz, Atmospheric Sciences and Global Change Division, Pacific Northwest National Laboratory

Joshua B. Horton, The John F. Kennedy School of Government, Harvard University

The Intentional & Unintentional Consequences of Climate Intervention: A Science & Engineering Perspective

Kimberly A. Gray, Professor & Chair, Department of Civil & Environmental Engineering, Northwestern University

5:00 **Reception and Dinner**

Friday, May 19th

8:30 a.m. **Continental Breakfast**

9:00 to 10:15 **Session Four—Geoengineering through Various U.S. (and Other Nation-State) Legal Prisms**

Harms from Solar Geoengineering: Liability, Risk Transfer, and the Possibility of Parametric Insurance

Joshua Horton, Research Director, Geoengineering, Belfer Center for Science and International Affairs, Harvard Kennedy School

Regulating Climate Engineering Through Environmental Intervention Law

Tracy Hester, Instructional Professor, University of Houston Law Center

Solar Climate Engineering and Intellectual Property: Toward a Research Commons

Joshua Sarnoff, Professor of Law, DePaul University College of Law

Jesse Reynolds, Post-doctoral Researcher, Utrecht University, Utrecht Centre for Water, Oceans and Sustainability Law

Jorge Contreras, Associate Professor, University of Utah S.J. Quinney College of Law

10:15 to 10:30 **Break**

10:30 to 11:30 **Session Five—Discourse Analysis of Geoengineering**

Talking Technology: Legitimization and De-Legitimization Patterns in the Discourse on Geoengineering Technologies and Their Potential Effects on Political Decision-Making

Judith Kreuter, Political Science Institute, Technical University of Darmstadt

Jus ad Climate: Using Just War Theory to Restrain Geo-Engineering

Elizabeth L. Chalecki, Assistant Professor of International Relations, University of Nebraska - Omaha, Department of Political Science*

Lisa L. Ferrari, University of Puget Sound

11:30 to 12:30 **Session Six—The Interplay of Geoengineering and Climate Change Polarization**

Is Geoengineering a Moral Hazard? It Depends How It's Framed

David Dana, Northwestern Pritzker School of Law

Alexander Maki, Vanderbilt Institute for Energy & Environment

Kaitlin Raimi, Gerald R. Ford School of Public Policy, University of Michigan

Michael Vandenbergh, Vanderbilt Law School

Do Partisanship and Politicization Undermine the Impact of Scientific Consensus on Climate Change Beliefs?

Toby Bolsen, Georgia State University

James N. Druckman, Department of Political Science, Northwestern University

12:30 **Closing Lunch**

Confirmed Participants (as of 5/22/2017):

1. **Grace Augustine**, Kellogg School of Management and Department of Sociology, Northwestern University
2. **Michael R. Barsa**, Northwestern Pritzker School of Law
3. **Neal Blair**, Department of Civil & Environmental Engineering, Department of Earth & Planetary Sciences, Northwestern University
4. **Wil Burns**, Co-Executive Director, Forum for Climate Engineering Assessment School of International Service, American University
5. **Elizabeth L. Chalecki**, University of Nebraska - Omaha, Department of Political Science
6. **Debbie (Musiker) Chizewer**, Environmental Advocacy Clinic, Bluhm Legal Clinic, Northwestern University School of Law
7. **David Dana**, Northwestern Pritzker School of Law
8. **James N. Druckman**, Department of Political Science, Northwestern University
9. **Lisa Ferrari**, University of Puget Sound
10. **Song Gao**, Associate Professor of Chemistry, Department of Chemistry and Biochemistry, Stetson University
11. **Kimberly A. Gray**, Department of Civil & Environmental Engineering, Northwestern University
12. **Laura McGee Hayes**, Buffett Institute for Global Studies, Northwestern University
13. **Tracy Hester**, University of Houston Law Center
14. **Joshua Horton**, Belfer Center for Science and International Affairs, Harvard Kennedy School
15. **Prakash Kashwan**, Department of Political Science, University of Connecticut
16. **Judith Kreuter**, Political Science Institute, Technical University of Darmstadt
17. **Sarah E. Light**, The Wharton School, University of Pennsylvania
18. **Albert Lin**, University of California, Davis, School of Law
19. **Zhe Liu**, Department of Mathematics, University of Central Florida
20. **Nancy C. Loeb**, Northwestern Pritzker School of Law
21. **Douglas MacMartin**, Cornell University and California Institute of Technology
22. **Daniel Milner**, Kellogg School of Management, Northwestern University
23. **Simon Nicholson**, School of International Service, American University
24. **Kate O'Neill**, Department of Environmental Science, Policy, & Management, UC Berkeley
25. **Edward A. (Ted) Parson**, UCLA School of Law
26. **Jesse Reynolds**, Post-doctoral Researcher, Utrecht University, Utrecht Centre for Water, Oceans and Sustainability Law
27. **Kalyani Robbins**, Associate Professor of Law, Florida International University College of Law
28. **Joshua Sarnoff**, Professor of Law, DePaul University College of Law
29. **Soheil Shayegh**, Fondazione Eni Enrico Mattei (FEEM)
30. **Juliet S. Sorensen**, Northwestern Pritzker school of Law
31. **Matthew L. Spitzer**, Searle Center on Law, Regulation, and Economic Growth, Northwestern Pritzker School of Law
32. **Kimberly R. Marion Suiseeya**, Department of Political Science, Northwestern University
33. **Michael Thompson**, Forum for Climate Engineering Assessment, School of International Service, American University
34. **Klaus Weber**, Kellogg School of Management, Northwestern University
35. **Laurie Zoloth**, Feinberg School of Medicine, Northwestern University