Climate Engineering Governance: Deepening the Dialogue

University of Wisconsin-Madison

September 14-16, 2017

Program

Day 1: Public Lecture and Discussion Forum

Thursday, September 14, 2017
5:30-7:00pm, Mechanical Engineering Hall Auditorium 1106

Moderator: Paul Robbins
Gaylord Nelson Institute for Environmental Studies, UW-Madison

Speaker: “Searching for Answers on a Warming Planet: Why We May Need Climate Engineering”
Simon Nicholson
Assistant Professor of International Relations, Director of the Global Environmental Politics Program, and Co-Executive Director, Forum for Climate Engineering Assessment, American University

Overview: Artificially whitening clouds. Injecting reflective particles into the stratosphere. Seeding the oceans with iron. These and a range of other climate engineering or "geoengineering" schemes are gaining increasing visibility and credibility as options for tackling climate change. What, though, is to be made of such efforts? Is climate engineering a new form of hucksterism? A dangerous and distracting folly? Or some meaningful part of the toolkit to generate a sustainable future?

Discussants: Dominique Brossard
Life Sciences Communication, University of Wisconsin-Madison

Elisabeth Graffy
School for the Future of Innovation in Society & ASU LightWorks Initiative, Arizona State University
Day 2: Workshop

**Friday, September 15, 2017**
*Wisconsin Energy Institute, Conference Room 1115*

8:00-8:30 am  Continental breakfast and registration

8:30-8:45 am  Welcome

**Paul Robbins, UW-Madison**  
**Elisabeth Graffy, Arizona State University**

8:45-9:30 am  *Part 1 - Climate Engineering Primer: What is it? Why care?*

**Wil Burns**  
Forum for Climate Engineering Assessment, American University

9:30-11:00 am  *Climate Engineering Governance as a Wicked Problem: Lightning Round*

**Moderator:**  
**Sumudu Atapattu, UW Law School**

**Speakers:**  
International law/human rights  
**Sumudu Atapattu**  
UW Law School

Climate integrity  
**Dan Vimont**  
Nelson Institute Center for Climatic Research, UW-Madison

Food security  
**Doug Reinemann**  
Biological Systems Engineering, UW-Madison

Public participation  
**Jane Flegal**  
Environmental Science, Policy, and Management, UC-Berkeley

Global public health  
**Joshua Garoon**  
Community and Environmental Sociology, UW-Madison
Energy sector sustainability/Markets and social innovation

**Christophe Jospe**
Carbon A List

Justice and equity

**David Morrow**
Forum for Climate Engineering Assessment, American University

Historical and humanities perspectives on biodiversity

**Elizabeth Hennessy**
History and Environmental Studies, UW-Madison

Grassroots engagement

**Leah Horowitz**
Environmental Studies and Civil Society & Community Studies, UW-Madison

11:00-11:15 am Break

11:15-11:45 am **Part 2 - Governing Geo: Legal Regimes in Theory and Practice**

**Josh Horton**
Keith Group, Harvard University

11:45-12:15 Lunch (in the atrium)

12:15-1:30 pm **Climate Game** with **Andrew Jones**
Climate Interactive

1:30-2:00 pm **Making Sense of a “Public” Role in Climate Engineering Governance**

**Elisabeth Graffy**
School for the Future of Innovation in Society & ASU LightWorks Initiative, Arizona State University

2:00-3:30 pm **Choosing to Avoid Dangerous Climate Change: Sorting Through Options**

**Moderators:**

**Ariel Anbar**
Earth and Space Exploration & Molecular Science, and ASU PlanetWorks, Arizona State University

**Cynthia Scharf**
Carnegie Commission on Geoengineering Governance (C2G2) Initiative
Speakers: Mark Jacobson
Civil and Environmental Engineering and Atmosphere/Energy Program, Stanford University

Ellen B. Stechel
Molecular Sciences and ASU LightWorks Initiative, Arizona State University

3:30-4:45 pm
Risks, Opportunities, and Ethical Governance of Emerging Technologies (Renewable Energy, Solar Radiation Management, and Carbon Dioxide Removal)

Moderator: Diana Bowman, School of Law and School for the Future of Innovation in Society, Arizona State University

Speakers: Christophe Jospe
Carbon A List

David Morrow
Forum for Climate Engineering Assessment, American University

Sumudu Atapattu
UW Law School

Curt Meine
Aldo Leopold Foundation & Center for Humans and Nature

4:45-5:15pm
Roundtable discussion and next steps

5:30-7:00pm
Mingle at the Nelson Alumni Day social hour and reception

Pyle Center

Post-reception food and camaraderie on your own
Possible options: Monroe Street, State Street, Capitol Square
Day 3: Next Steps

Saturday, September 16, 2017 (Optional)
Concourse Hotel, Conference Room 1, 2nd Floor

9:30-11:00am Workshop debrief and preliminary planning for workshop 2

6:00am-1:00pm Dane County Farmers Market around the Capitol Square