Thursday, April 5, 2018

Public Event

Case Critical: The Ethics of Climate Engineering
481 Wrigley Hall, Tempe Campus
4:30-5:45 pm [light refreshments served]

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

Ryan Hanning, Assistant Vice President for Strategic Partnerships and Assistant Professor of Catholic & Theological Studies, University of Mary – Tempe

Christopher Cokinos, Associate Professor of English and Affiliated Faculty, Institute of the Environment, University of Arizona [co-moderator]

Elisabeth Graffy, Professor of Practice, School for the Future of Innovation in Society and Director, Spirituality and Sustainability Initiative, Arizona State University [co-moderator]

The 2015 Paris Agreement promotes low-carbon energy transitions, adaptation and infrastructural resilience, but it also assumes a role for "climate engineering"-- a suite of actions to curb solar radiation reaching the Earth’s surface and remove carbon dioxide from the atmosphere. We explore the ethics of climate engineering through four lenses: legal protection of human rights, public policy, theology and moral action, and culture as ethical inquiry.

Workshop event

Pre-workshop dinner and drinks
6:30 pm
Postino Annex – Reservations for 15, self-hosted
615 S College Ave, Tempe, AZ

The Graduate Hotel provides lodging for visiting participants
Address: 225 E Apache Blvd, Tempe, AZ 85281
Phone: (480) 967-9431

There is a free hotel shuttle to and from Sky Harbor. Just call to make arrangements.
One-Day Workshop

**Friday, April 6, 2017**

Room 240, *Interdisciplinary Science and Technology Building IV* (ISTB4), ASU Tempe Campus

8:00-8:45 am  Breakfast buffet and registration

8:45-9:00 am  *Welcome*

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

  **Wil Burns**, Forum for Climate Engineering Assessment (FCEA), American University

9:00-9:30 am  *What is Climate Engineering and Why Do We Need “Governance?”*

  **Wil Burns**
  FCEA, American University

9:30-10:00 am  *Policy Contexts for Public Roles in Intentional Climate Intervention*

  **Elisabeth Graffy**
  SFIS and LW, Arizona State University

10:00-10:15 am  Break

10:15-10:45 am  *Building Public Capacity for Governance of Science and Technology Issues*

  **Cynthia Selin**
  School for the Future of Innovation in Society & School of Sustainability, Arizona State University

10:45-11:30 am  *Framing Issues for Public Deliberation and Engagement: Geoengineering, Energy Transitions, and Climate/Technology Risk*

  **Holly Buck**
  Institute of the Environment and Sustainability, UCLA

  **Alice Siu**
  Center for Deliberative Democracy, Stanford University

11:30 –12:30 pm  *Participatory Approaches: Rationales, Designs & Intended Uses*  
**Moderator: Cynthia Selin**

  Panelists:
  - eCAST, Mahmud Farooque, ASU
  - World Wide Views, Netra Chetri, ASU
  - Policy Simulations, Drew Jones, Climate Interactive
  - GeoELive!, Aubrey Paris, ISGP & Princeton

12:30–1:30 pm  *Lunch Buffet on site [with Dave Guston, SFIS Director]*
1:30–2:45 pm  **Lightning Roundtable: Choosing a Future without Dangerous Climate Change – Transitions, Innovations, and Moral Choices**

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

- Ellen Stechel, ASU LightWorks and School of Molecular Sciences
- Chris Jones, ASU School of Historical, Philosophical, and Religious Studies
- Ryan Hanning, University of Mary – Tempe
- Ariel Anbar, ASU School of Earth and Space Exploration

2:45 – 3:00 pm  **Break**

3:00 – 4:30 pm  **Hands-on Public Governance Break-out Sessions**

*Climate Interactive Policy Simulation (D. Jones) -- Room 240*

*Climate Resilience Citizen Consultation (M. Farooque, N. Chetri) -- Crater Carpet*

4:30 – 5:00 pm  **Evaluating participatory experiences**

5:00 – 6:30 pm  **Dinner Buffet on site**

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**Public Event – livestream access available**

**Governance of Climate Interventions on a Warming Planet: The Importance of Stakeholder Participation**

Marston Theater, ISTB4

6:30 – 8:00 PM

**Welcome** Gary Dirks

Director, Julie A. Wrigley Global Institute of Sustainability

**Introduction** Elisabeth Graffy

Professor of Practice, School for the Future of Innovation in Society, Arizona State University

**Speaker** Janos Pasztor

Executive Director, Carnegie Climate Geoengineering Governance Initiative (C2G2)

**Overview:** Even the most ardent supporters of geoengineering acknowledge the risks inherent in these technologies, but uncertainty goes both ways. There are also risks in not using a technology that could help mitigate the worst effects of climate change. The challenge for policymakers, therefore, is to assess the risks of researching, developing—and possibly deploying—geoengineering technologies against those of not deploying them, and relying only on other climate interventions, such as mitigation and adaptation. Policy makers cannot make judgments on those risks by themselves. Scientists need to contribute, but policy decisions need to follow broad society-wide discussions, including key stakeholders at national and international levels. It’s all hands on deck, and here’s why.
Day 3: Toward a Conceptual Framework for PP-CEG

Saturday, April 7, 2018

Breakfast on your own (recommend the Normal Diner adjacent to The Graduate or, if you’d like to walk about 15 minutes, try Snooze on College Ave or ChopShop on University Ave)

9:30 – 11:30  Memorial Union Starbucks Patio

Debriefing and generating next steps
1. Identify desirable collaborations with existing resources.
2. Draft a PP-CEG agenda to share with ASU research dev folks.
3. Outline a publication concept based on this workshop.
4. Generate a preliminary primer for public deliberation around geo.

11:30  Adjourn

Thank you to our partners that helped to organize this workshop and side events!

- ASU LightWorks®
- ASU PlanetWorks
- Climate Engineering Governance Initiative @ ASU
- Julie A. Wrigley Global Institute of Sustainability
- Arizona Center for Christian Studies
- Sandra Day O’Connor School of Law, Law and Sustainability Program
- School for the Future of Innovation in Society
- Spirituality and Sustainability Initiative
- University of Mary – Tempe
- ASU Global Futures Initiative