

CCIS: Impacts in Climate Interventions Strategies, 6 August, 2020

Simone Tilmes (ACOM), Peter Lawrence (CGD), Brian Medeiros (CGD), Roy Rasmussen (RAL), Wojciech Grabowski (MMM), Andreas Prein (MMM), Britt Stephens (EOL), Andrea Smith (COMET), Doug MacMartin (Cornell University), Deborah Lawrence (University of Virginia), Monica Morrison (Indiana University), Dale Rothman (University of Denver), Karen Rosenlof (NOAA), Greeshma Gadikota (Cornell University)



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Ground Rules and Technological Considerations for Webinars

Questions may be typed into the chat window for technological assistance at any time; please hold presenter questions until they've finished.

Please remain muted and leave video off except when responding during the Q & A sessions.

The meeting will be recorded and available for playback – check our website for details:

<https://www2.acom.ucar.edu/workshop/ccis-2020-webinars>



Community Climate Intervention Strategies Webinar Series, April – Sept 2020

APRIL 15, 2020: 9-11AM (MDT)

Introduction and Motivation of the CCIS Project

- **CCIS Committee (presented by Simone Tilmes):** Overview of the project, motivation and goals of webinars and the workshop
- **Will Steffen (Australian National University):** "Climate Change 2020: Why are we in an emergency?"
- **Holly Buck (UCLA School of Law):** "What a holistic approach to climate intervention is – and why we need it"

[Recording and more information.](#)

MAY 06, 2020: 9-11AM (MDT)

IAMs, Mitigation, and Scenario development for combined intervention strategies

Moderator: Doug MacMartin (Cornell University)

- **Dale Rothman (University of Denver):** "General History of Futures Thinking and Scenarios"
- **Massimo Tavoni (Climate Change Economics at Politecnico di Milano):** "Integrated modeling of SRM"
- **Edward (Ted) Parson (University of California):** "Geoengineering scenarios in climate assessment and policy debates – experience, insights, and prospects"
- **Christopher Trisos (African Climate and Development Initiative):** "Choose your own scenarios"

[Recording and more information.](#)

MAY 27, 2020: 9-11AM (MDT)

Solar Radiation Management

Moderator: Simone Tilmes (NCAR)

- **James Hurrell (Colorado State University):** "An overview of SRM: approaches to cool a warming planet"
- **Jim Haywood (University of Exeter, UK):** "What have we learned from a decade of coordinated GeoMIP and stand-alone SRM geoeengineering simulations?"
- **Sarah Doherty (Marine Cloud Brightening Project):** "An overview of research on using Marine Cloud Brightening to cool climate"
- **Jean-François Lamarque (NCAR):** "Current understanding and challenges in stratospheric aerosol modeling for SRM"

Register for the webinar [here](#). [More information here.](#)

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Next Webinars: Late Aug & Early September, 9-11am MDT

Late August: Ethics and Governance of Climate Change and Interventions

Early September: Interdisciplinary Research Framework Development

Fully-online Workshop Dates: Oct 28-30



CCIS Webinar Series: Today's Webinar on Observations to Inform CIS

Today's Agenda:

Roy Rasmussen (NCAR): *Recent Improvements in the Simulation of High-Impact Events using Convective-Permitting Models*

Andy Parker (SRMGI) *“Lessons from the DECIMALS Fund: the World's First SRM Modelling Fund for Developing Countries”*

Jessica Gurevitch (SUNY Stony Brook): *Potential Ecological Risks and Impacts of Solar Radiation Modification and Why You Should pay Attention to This*

Discussion

