

Americas Conference on Solar Radiation Modification: Science, Governance and Implications for the Region



**24-25 August 2022
University of the West Indies
Kingston, Jamaica**

Day 1

8:00 – 9:00		
Registration		
9:00 – 9:30	<ul style="list-style-type: none"> - Representative from the University of the West Indies - Executive Director, IAI 	TBC
9:30 – 9:45	Address to the meeting	HE Elizabeth Thompson, Ambassador Extraordinary & Plenipotentiary with Responsibility for Climate Change, Small Island Developing States and Law of the Sea, Barbados (confirmed)
9:45 – 10:15	Briefing - overview of the general concept of SRM: <ul style="list-style-type: none"> - Why is there growing interest in this idea (risks of overshoot)? - Why is it so controversial? Why might it be necessary for society? - Why is it being considered? What does the IPCC say about SRM? 	Dr. Thelma Krug, Vice Chair, IPCC (confirmed) Dr. Paulo Artaxo, Professor of environmental physics, University of São Paulo Brazil (confirmed)
	Introduction to SRM: concepts and definitions	

	<ul style="list-style-type: none"> - What are the risks and benefits of SRM? socio-political and scientific considerations; general talking points about feasibility and financial considerations 	
<p>10:15 – 10:45</p> <p>Break</p>		
<p>10:45 – 11:45</p> <p>Overview of current state of SRM research</p>	<p>Briefing to discuss:</p> <ul style="list-style-type: none"> - What is SRM? - How would it be done: the different proposed techniques - Feasibility and direct costs - The impacts: what research has told us about how SRM would affect the climate <ul style="list-style-type: none"> • Basic climate variables like temperatures and precipitation • Sea level rise • Storms • Climatic extremes • More complex issues like health, biodiversity, agriculture - Unknowns and uncertainties in SRM science - Socio-political issues <ul style="list-style-type: none"> • Moral hazard and reverse moral hazard • Slippery slope theory • Ethics • Politics, unilateralism and decision-making - Summary <ul style="list-style-type: none"> • Key messages about SRM • How we should think about it: risk/risk paradigm/The Golden Rule 	<p>Dr. Doug McMartin, Senior Research Fellow, Sibley School of Mechanical and Aerospace Engineering, Cornell University (confirmed)</p> <p>Dr. Kate Ricke, Climate scientist and an assistant professor at Scripps Institution of Oceanography and the School of Global Policy and Strategy, UC San Diego (confirmed)</p> <p>Dr. Steven Kendall, U.S. National Academies of Sciences, Engineering, and Medicine (Moderator, confirmed)</p>
<p>11:45 – 12:30</p>	<p><i>Discussion and questions</i></p>	

12:30 – 14:00		
Lunch		
14:00 – 15:00	Panel discussion with speakers from other regions	Dr Emmanuel Tachie -Obeng, Environmental Protection Agency-Ghana and Fellow, Global Center on Adaptation Accra, Ghana (confirmed) Bilal Anwar, Chief Executive Officer, National Disaster Risk Management Fund, Pakistan (confirmed) Moderated by Andy Parker, Degrees Initiative (confirmed)
14:00 – 15:00	Global views	
15:00 – 15:30		
Break		
15:30 – 16:30	Views from the Americas (10 min presentations followed by 5 min for questions after each presentation)	Dr. Paulo Artaxo, Professor of environmental physics, University of São Paulo Brazil (confirmed) Dr. Inés Camilloni, Associate professor, Department of Atmospheric and Ocean Sciences, University of Buenos Aires and Researcher, Del Mar Atmosphere Research Center (confirmed) Dr. Michael Taylor, Dean of the Faculty of Science and Technology; Senior Lecturer; Professor,
15:30 – 16:30	Views from the Americas	

		University of West Indies (confirmed) Moderated by Dr. Marcos Regis da Silva, Executive Director, IAI (confirmed)
16:30 – 17:00	Discussion on next steps for the Americas (funding, how to raise awareness on SRM at the regional level, regional issues)	

Day 2

9:00 – 9:15 Introduction to Day 2	How Climate Change is affecting the livelihoods of Jamaicans	Mrs Farrah Hansel Murray, Science and Technology Development Planner, Planning Institute of Jamaica (confirmed)
9:15 – 9:45	Lecture on SRM governance	Ted Parson, Dan and Rae Emmett Professor of Environmental Law and Faculty Co-Director, Emmett Institute on Climate Change and the Environment, UCLA (confirmed, virtual)
9:45 – 10:00	Discussion in plenary	
10:00 – 10:30 Break		
10:30 – 10:45	Presentation on SCoPEX and the importance of buy-in from civil society	Dr. Frank Keutsch, Stonington Professor of Engineering and Atmospheric Science and Professor of Chemistry and Chemical Biology, Department of Chemistry and Chemical Biology, Harvard University (confirmed)

10:45 – 11:00	Discussion in small group	
11:00 – 11:45	Plenary Discussion	
11:45 – 12:15	Policy for Science <ul style="list-style-type: none"> - Knowledge gaps? - Moral hazards - Emission cuts 	Dr. Marcos Regis da Silva (confirmed) Dr. Shuchi Talati Scholar in Residence at American University
12:15 – 12:30	Discussion in small group	
12:30 – 12:45	Plenary Discussion	
12:45 – 14:00		
Lunch		
14:00 – 15:00	Considering the risks of a temperature overshoot vs the potential risks associated with SRM deployment.	Dr. Arunabha Ghosh, (tbc)
15:00 – 15:30	Discussion	Moderated by Ms Alia Hassan, Outreach Officer, C2G (confirmed)
15:30 – 16:00		
Break		
16:00 – 16:50	Discussions outcomes Where do we wish to be in 10 years and how do we reach this target?	Co-organizers
Conclusions		
16:50 – 17:00		
Closure		