

Personalized Itinerary Planner

Communicating Climate Science

June 08 - 13, 2013

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Saturday, June 08, 2013

Time	Session Info
6:00 PM-8:00 PM, Silver Sage Conference Room (Snow Mountain Ranch), Welcome Reception	
6:00 p.m.-6:45 p.m. - Drinks/Icebreaker	
6:45 p.m.-7:00 p.m. - Opening Remarks, Logistics	
7:00 p.m.-8:00 p.m. - Entertainment, Lynda Williams	
8:00 PM-9:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Presentation by American Geophysical Union	
8:00-9:00 PM	Presentation - Where shall I go; What Shall I Do?: How and Why to Communicate Climate Science to Many Different Audiences <i>(INVITED)</i> O. Ambrogio; <u>J. Burhman</u> ; M. Adams; E. Hankin

Sunday, June 09, 2013

Time	Session Info
8:00 AM-9:45 AM, Indian Peaks Conference Room (Snow Mountain Ranch), Perspectives on Communication of the Climate Science I	
8:00-8:25 AM	A Retrospective on Early Climate Science From a Physical Scientists Point of View <i>(INVITED)</i> <u>M. MacCracken</u>
8:25-8:50 AM	History of Relations Among Climate Scientists, Policy-makers and the Public in the 20th Century <i>(INVITED)</i> <u>S.R. Weart</u>
8:50-9:15 AM	The History of Climate Communication: A Journalist's Perspective <i>(INVITED)</i> <u>M. Boykoff</u>
9:15-9:30 AM	Q&A/Discussion 1.1
9:30-9:45 AM	Coffee Break
9:45 AM-11:25 AM, Indian Peaks Conference Room (Snow Mountain Ranch), Perspectives on Communication of the Climate Science II	
9:45-10:05 AM	The History and Future of Knowledge Infrastructures in the Earth System Sciences <i>(INVITED)</i> <u>P.N. Edwards</u>
10:05-10:25 AM	Scientific Uncertainty in Public Discourse: The Case for Leakage Into the Scientific Community <i>(INVITED)</i> <u>S. Lewandowsky</u> ; N. Oreskes; J.S. Risbey; B.R. Newell; M. Smithson

10:25-10:45 AM	The Battle to Communicate Climate Change: Lessons from The Front Lines (INVITED) <u>M.E. Mann</u>
10:45-11:25 AM	Q & A Discussion
11:30 AM-1:00 PM, Mess Hall (Snow Mountain Ranch), Lunch on Your Own (Sunday)	
1:00 PM-3:20 PM, Indian Peaks Conference Room (Snow Mountain Ranch), New and Bleeding Edge science Topics in Climate Science I	
1:00-1:45 PM	State of the Climate System (INVITED) <u>R.B. Alley</u>
1:45-2:05 PM	Trying to Tell the World about Nuclear Winter – Denial Ain't Just a River in Egypt (INVITED) <u>A. Robock</u>
2:05-2:25 PM	Communication of the Role of Internal Variability in Climate Change Projections <u>C. Deser</u> ; <u>A.S. Phillips</u>
2:25-3:00 PM	Q&A/Discussion 1.3
3:00-3:20 PM	Afternoon Coffee Break
3:20 PM-5:30 PM, Indian Peaks Conference Room (Snow Mountain Ranch), New and Bleeding Edge Topics in Climate Science II	
3:20-3:40 PM	Arctic Permafrost and Carbon Climate Feedbacks <u>L. Bruhwiler</u>
3:40-4:00 PM	Grand Challenges at the Interface of Climate, Hydrology and Water Systems <u>P. Gleick</u>
4:00-4:20 PM	Geoengineering: A Challenging Topic for Science, Communications, and Society <u>P. Rasch</u>
4:20-4:40 PM	Nuclear and Climate Imagery in Historical Perspective <u>S.R. Weart</u>
4:40-5:00 PM	Recarbonization of the global energy system <u>S.J. Davis</u> ; <u>K. Caldeira</u> ; <u>C. Green</u> ; <u>M.I. Hoffert</u>
5:00-5:30 PM	Q&A/Discussion 1.4
5:30 PM-7:00 PM, Mess Hall (Snow Mountain Ranch), Dinner on Your Own (Sunday)	
7:00 PM-8:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Poster Session 1.3/1.4 - 1.P	
7:00-8:00 PM	S-1. The 'Experimenting With a Small Planet' Experiment <u>W.W. Hay</u>
7:00-8:00 PM	S-2. Geoengineering as drama off Haida Gwaii: A case study of narrative spread <u>H. Buck</u>

7:00-8:00 PM	S-3. An Audience Segmentation Analysis – The Climate Change Water Nexus <u>K. Raucher</u>
7:00-8:00 PM	S-4. Climate Change Communications for Water Utilities K. Raucher; <u>L. Kaatz</u>
7:00-8:00 PM	S-5. Communicating Climate Change in Agriculture: Challenges, Framing, and Research Needs <u>J. Jadin</u>
7:00-8:00 PM	S-6. Forest managers' response to climate change science: Toward understanding the cognitive impacts of boundary objects at the management-research interface <u>P.Z. Klos</u> ; J. Blades; K. Kemp; T. Hall; P. Morgan; J. Force; T. Link
7:00-8:00 PM	S-7. Energy system scenarios to simultaneously achieve air quality management and climate change mitigation goals <u>R.W. Pinder</u> ; F. Akhtar; D. Loughlin; D. Henze
7:00-8:00 PM	S-8. Water Resource Management in North Bengal (India): Need for dissipating climate science information for adaptation to Climate Change. <u>S. Bose</u>
7:00-8:00 PM	S-9. In From The Cold <u>R. Seitz</u>

Monday, June 10, 2013

Time	Session Info
8:00 AM-10:15 AM, Indian Peaks Conference Room (Snow Mountain Ranch), Better Climate Communication	
8:00-8:15 AM	Finding a Role in Climate Communications (INVITED) <u>G.A. Schmidt</u>
8:15-8:30 AM	On the Differential Diagnosis of Denial and Skepticism <u>M. Brown</u>
8:30-8:45 AM	Ouranos' Experience Part 1 - From Scratch to More Than 10 Years on Explaining Climate Modeling and Climate Change. <u>D. Paquin</u>
8:45-9:00 AM	Applying the Science of Risk Communication to Climate Change – An overview of the Why's and How's <u>K. Raucher</u>
9:00-9:15 AM	A Scientific Research Agenda for Improving Climate Science Communication <u>B. Strauss</u>
9:15-9:30 AM	How grammatical choice shapes media representations of climate (un)certainty <u>A. Raudzens Bailey</u> ; J. Rivas
9:30-9:45 AM	TBD
9:45-10:00 AM	Q&A Discussion 2.1

10:00-10:15 AM	Coffee Break
10:15 AM-11:30 AM, Indian Peaks Conference Room (Snow Mountain Ranch), Climate Communication with the Public I	
10:15-10:30 AM	Loss of Public Trust by UK Climate Researchers and Implications for Future Communication (INVITED) <u>R. Ward</u>
10:30-10:45 AM	Climate Services as a Climate Communication Channel (INVITED) G.P. Brasseur; <u>C. Wunram</u>
10:45-11:00 AM	Successful Communication of Adaptation, Geoengineering, and Other Climate-Related Work <u>K. Klima</u>
11:00-11:30 AM	Q&A Discussion
11:30 AM-1:00 PM, Mess Hall (Snow Mountain Ranch), Lunch on Your Own (Monday)	
1:00 PM-2:15 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Climate Communication with the Public II	
1:00-1:15 PM	Communicating Climate Science to Stakeholders in Plain Vanilla <u>N.J. Selover</u> ; <u>N. Chhetri</u> ; <u>S. McClintock</u>
1:15-1:30 PM	Shifting Gears: Climate Regulation and Communication with the American Public <u>H. Zarin</u>
1:30-1:45 PM	TBD
1:45-2:00 PM	Q&A/Discussion 2.2 II
2:00-2:15 PM	Coffee Break
2:15 PM-4:30 PM, Indian Peaks Conference Room (Snow Mountain Ranch), New Media And New Thinking About Messages And Messengers: Innovative Ways Forward I	
2:15-2:30 PM	Preaching to the Choir And Empowering The Congregation: Using Facebook And Face Time To Counter Denial <u>G. Haines-Stiles</u>
2:30-2:45 PM	How Do I Restore Trust in Climate Scientists to Tell the Truth About Climate Change? (INVITED) <u>A. Minns</u>
2:45-3:00 PM	Doping the Atmosphere, and Other Metaphors That Stick: Taking a Page from the Madison Avenue Playbook R. Henson; <u>M. Hirschland</u>
3:00-3:15 PM	The Weather Underground experience <u>J. Masters</u>
3:15-3:30 PM	Bottled Lightning - Is there a Secret Sauce for Social Media? <u>P. Sinclair</u>

3:30-3:45 PM	How Can Scientists and Non-Governmental Organizations Better Collaborate to Improve Climate Science Communication? <u>A.C. Staudt</u>
3:45-4:00 PM	Dissecting the Joke: Using Humor to Communicate Climate Issues <u>L. Whitney</u>
4:00-4:15 PM	A Survey on Theatrical, Musical and Film Takes on Climate Change and the Challenges These Genres Have with Scientific Exposition (INVITED) <u>L. Williams</u>
4:15-4:30 PM	Coffee Break
4:30 PM-5:45 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Discussion Session 2.4: New Media and New Thinking About Messages and Messengers	
5:45 PM-7:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Dinner on Your Own (Monday)	
7:00 PM-8:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Poster Session 2.1/2.2/2.3	
7:00-8:00 PM	M-1. Communicating Climate Change Through the Use of Repeat Photography of Alaskan Glaciers and Landscapes <u>B.F. Molnia</u>
7:00-8:00 PM	M-2. By any other name: Perceptions of the difference between “weather” and “climate” <u>L.A. Bernacchi</u> ; S.L. Kane; A.C. Gabrielli; J.D. Wulfhorst
7:00-8:00 PM	M-3. Wilder Weather: Channeling the Narrative Voice of Laura Ingalls Wilder to Communicate Weather and Climate Concepts <u>B.M. Boustead</u>
7:00-8:00 PM	M-4. Flood frequency issues in a changing climate of Northern Illinois <u>M. Markus</u>
7:00-8:00 PM	M-5. Space Environment Viewing Network for Climate Change <u>S. Mukherjee</u>
7:00-8:00 PM	M-6. Understanding Tropospheric Chemistry: An Interactive Global Climate Chemistry Modelling Approach <u>S. Verma</u>
7:00-8:00 PM	M-7. Temperature and Precipitation Indicators of Climate Extremes across the Southeast United States: Observed Variability and Related Planning <u>E. Powell</u> ; B. Keim
7:00-8:00 PM	M-8. Does an Individual’s Digital and Physical Geography Impact Perceptions of and Learning about Climate Change? <u>D.F. Bush</u> ; R. Sieber; G.L. Chmura; G. Seiler
7:00-8:00 PM	M-9. New Trends in Climate Science Outreach and Engagement <u>Y. Kontar</u>

7:00-8:00 PM	M-10. Educating the public about climate change - the Klimahaus in Bremerhaven, Germany <u>M. Theusner</u> ; S. Nawrath; J. Tanneberg; N. Tietjen
7:00-8:00 PM	M-11. Evaluating A Process Model Advising Format For Stakeholder Engagement In A Regional Earth System Modeling Initiative <u>L.R. Allen</u> ; J.C. Stephens; C.E. Kruger
7:00-8:00 PM	M-12. Mapping Surface Temperature Variability and Trends – is it an Old or New Message? <u>N. Andronova</u> ; M. Jarrett
7:00-8:00 PM	M-13. Communicating Climate Science to the Public: A Vulgarisation Peer-Reviewed Open Access Scientific Journal? <u>M.S. Bourqui</u>
7:00-8:00 PM	M-14. Climate Change Communication between TV Broadcast Meteorologists and Their Viewing Audience <u>P. Davis</u> ; R. Oches; D. Szymanski; H. Meldrum; L. Doner; M. McGarry; L. Avlles; S. Miller
7:00-8:00 PM	M-15. The relative roles of political identity and elite cues in American public opinion about climate change <u>A. Bass</u>
7:00-8:00 PM	M-16. Lessons from the Field: Climate Change for Citizens <u>S. Campbell</u>
7:00-8:00 PM	M-17. Enhancing Communication between Journalists and Scientists on Climate Change in Japan <u>Y. Goto-Maeda</u> ; S. Emori; K. Takahashi; M. Aoyagi-Usui; Y. Tanaka; H. Fukuda; K. Fukushi; M. Kawamiya
7:00-8:00 PM	M-18. Why Climate Change Interests Businesses That Do Not Want To Hear About It <u>K. Kaesehage</u> ; C. Caseldine
7:00-8:00 PM	M-19. Basic Human Values and Visual Representation of Science in News about Climate Change <u>S. Rebich Hespanha</u> ; S.E. Hampton; R.E. Rice
7:00-8:00 PM	M-20. Development of a Manual for Transportation Professionals on Climate Change and Extreme Coastal Events <u>S. Douglass</u> ; B. Webb; R. Kilgore
8:00 PM-9:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Tutorial: Talking with the Media	
8:00-9:00 PM	Talking with the Media Tutorial <u>M. Adams</u> ; O. Ambrogio; E. Hankin

Tuesday, June 11, 2013

Time	Session Info
8:00 AM-10:00 AM, Indian Peaks Conference Room (Snow Mountain Ranch),	Climate Change in the Classroom

8:00-8:15 AM	What Do College Students Think (and Know) About Global Warming?: A Case Study <u>D.P. Bedford</u>
8:15-8:30 AM	Climate and Energy Literacy: A New Direction for Science Education in the 21st Century <u>M. Berbeco</u> ; M. McCaffrey
8:30-8:45 AM	Raising Climate Literacy: AMS Education Program Efforts <u>J.A. Brey</u> ; I.W. Geer; R.S. Weinbeck; J.M. Moran; E.W. Mills; K.A. Nugnes
8:45-9:00 AM	Insights into How College-Age Students at a Southeastern Research University Think About Climate Change Concepts <u>C.A. Morrow</u> ; C.Y. Afolabi; J. Katzenberger; J. Monsaas; R.C. Somerville; W.C. Elliott
9:00-9:15 AM	Climate Change Literacy Through Writing: Successes in an Undergraduate Writing Course <u>J.D. Small</u>
9:15-9:30 AM	Climate Change Communication in the Classroom: How College Undergraduates' Ideas Change <u>K.L. Trenbath</u>
9:30-9:45 AM	Q&A/Discussion 3.1
9:45-10:00 AM	Coffee Break
10:00 AM-12:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Communicating with Policy Makers	
10:00-10:15 AM	Communicating the Needs of Climate Change Policy Makers to Scientists <u>M.E. Brown</u> ; V.M. Escobar; H. Lovell
10:15-10:30 AM	Ouranos' experience part 2- A guide for decision-makers in climate change adaptation: lessons on how to communicate information through the understanding of user needs. <u>I. Charron</u> ; D. Chaumont
10:30-10:45 AM	Science-Policy Integration: The Missing Link in Effective Communication with stakeholders in Adaptive Coastal Management <u>M. Fortes</u>
10:45-11:00 AM	Stakeholders' Inputs through Dialogues to Summary Reports on Climate Change Risk Management Strategy <u>Y. Goto-Maeda</u> ; S. Emori; K. Takahashi; K. Fukushi
11:00-11:15 AM	Addressing Climate Change Denial in the Age of "Academic Freedom" Bills <u>S.F. Newton</u> ; M. Berbeco; M. McCaffrey
11:15-11:30 AM	A Sense of Urgency: Prediction and Its Influence on Policy-Making <u>K.A. Peacock</u>
11:30-12:00 PM	Q&A/Discussion 3.2
12:00 PM-1:30 PM, Mess Hall (Snow Mountain Ranch), Lunch on Your Own (Tuesday)	
1:30 PM-5:30 PM, Rocky Mountain National Park, Optional Field to the Rocky Mountain National Park	

6:30 PM-9:00 PM, Mountain Air Cookout Shelter (Snow Mountain Ranch), **Banquet Dinner**

Wednesday, June 12, 2013

Time	Session Info
8:00 AM-10:15 AM, Indian Peaks Conference Room (Snow Mountain Ranch), <i>Toward an Integrated Approach to Climate Education, Communications and Outreach</i>	
8:00-8:15 AM	The Climate ECO-system: Toward an Integrated Approach to Climate Education, Communications and Outreach- Roundtable Discussion and Workshop Proposal <u>M. McCaffrey</u>
8:15-8:30 AM	Lessons from Trends in Public Opinion on Climate Change (INVITED) <u>H. Cutting</u>
8:30-8:45 AM	Positive Affective Connections to Animals and Behaviors that Address Climate Change among Public Audiences <u>L.D. Kelly</u> ; A. Grajal; J.F. Luebke; S. Clayton; C.D. Saunders; J. Matiasek; R. Stanoss; S.R. Goldman; M.E. Mann; B.T. Karazsia
8:45-9:00 AM	A Climate Journalist Explores Art: New Tools, New Partnerships and New Audiences <u>E.s. Kintisch</u>
9:00-9:15 AM	Communicating Collapse, Climate, and Complex Society: the Case of the Ancient Maya <u>S. Luzzadder-Beach</u> ; T. Beach; N. Dunning; V. Scarborough; S. Heckbert
9:15-9:30 AM	Science Visualization For System One Communication of Climate Science: Utilizing the Right Brain <u>J.H. Witte</u>
9:30-9:45 AM	TBD
9:45-10:00 AM	TBD
10:00-10:15 AM	Coffee Break
10:15 AM-11:45 AM, Indian Peaks Conference Room (Snow Mountain Ranch), <i>Discussion Session 4.2: An Integrated Approach to Climate Education, Communication and Outreach</i>	
11:45 AM-1:00 PM, Mess Hall (Snow Mountain Ranch), <i>Lunch on Your Own (Wednesday)</i>	
1:00 PM-2:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), <i>Virtual Session: Psychological Determinants of Communicating Climate Change</i>	
1:00-1:20 PM	A New Conversation with Conservatives About Climate Change: Values Frames & Narratives <u>A. Corner</u>

1:20-1:40 PM	The Psychology of Climate Change Adaptation: Prevention is Better Than Cure? L. Ervin; <u>S. Capstick</u>
1:40-2:00 PM	Q&A Discussion
2:00 PM-3:45 PM, Indian Peaks Conference Room (Snow Mountain Ranch), 4.3 Shifting the Paradigm in Climate Communication and Education	
2:00-2:15 PM	The Importance of Consensus Information in Reducing the Biasing Influence of Worldview on Climate Change Attitudes (INVITED) <u>J. Cook</u> ; S. Lewandowsky
2:15-2:30 PM	Why the Climate Makes Climate Change Communication So Difficult (INVITED) <u>S.D. Donner</u>
2:30-2:45 PM	Stealing From the Storytellers: How Simple Narrative Techniques Can Help Scientists Communicate Better <u>J. Calderazzo</u>
2:45-3:00 PM	"It's the Economy Stupid": Rethinking the Communication of Economic Model Insights about Climate Mitigation <u>S. Klinsky</u> ; S. Hatfield-Dodds
3:00-3:15 PM	Might Being More Careful In Our Communications Help To Improve Public Understanding About Climate Change? (INVITED) <u>M. MacCracken</u>
3:15-3:30 PM	Can the Economic Value of Climate Science be Determined and Communicated? <u>B.A. Wielicki</u> ; R. Cooke; D. Young; M. Mlynczak
3:30-3:45 PM	Visioning Climate Impacts: The Future is Now <u>M. Fitzpatrick</u>
3:45 PM-5:30 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Shifting the Paradigm in Climate Communication and Education	
5:30 PM-7:00 PM, Mess Hall (Snow Mountain Ranch), Dinner on Your Own (Wednesday)	
7:00 PM-8:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Poster Session 3.1/3.2/4.1/4.2/4.3	
7:00-8:00 PM	W-1. Climate Change in the High School Enrichment Program, Undergraduate Classroom and CE Opportunity for Secondary School Teachers: What Should the Next Generation Know? <u>C.D. Hauser</u>
7:00-8:00 PM	W-2. Build it but they might not come <u>D.M. Bachelet</u> ; T. Comendant; T. Sheehan
7:00-8:00 PM	W-3. The National Science Foundation's Support Mechanisms for Climate Science <u>A. Greer</u>
7:00-8:00 PM	W-4. What AGU Can Do For You! <u>M. Adams</u> ; E. Hankin; O. Ambrogio

7:00-8:00 PM	W-5. Climate Masters of Nebraska: Innovative Action Based Approach on Climate Change Education <u>T. Pathak</u> ; T. Bernadt; N. Umphlett
7:00-8:00 PM	W-6. Shifting Gears in Climate Change Communications: From Facts to Actions? <u>J. Beitler</u>
7:00-8:00 PM	W-7. A Case Study of Communicating Climate Projections for the Northeast US Via Webinar <u>C. Lynch</u> ; A. Seth; J. Thibeault
7:00-8:00 PM	W-8. Communicating Scientific Uncertainty in the Realm of Ocean Acidification: Developing Understanding and Practical Solutions to Overcoming Communication Barriers <u>J. Rood</u>
8:00 PM-9:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch), Tutorial: Communicating Climate Science to Policy Makers	
8:00-9:00 PM	Tutorial: "Communicating Climate Science to Policy Makers" <u>E.R. Hankin</u> ; O. Ambrogio; M. Adams

Thursday, June 13, 2013

Time	Session Info
8:00 AM-9:00 AM, Indian Peaks Conference Room (Snow Mountain Ranch),	Keynote Address - James Hansen
9:00 AM-11:00 AM, Indian Peaks Conference Room (Snow Mountain Ranch),	Breakout Session - The Way Forward
11:00 AM-12:00 PM, Indian Peaks Conference Room (Snow Mountain Ranch),	Breakout Groups Reports to Plenary and Closing Remarks