

Integrated Climate Change Impacts Assessment

An Overview

Snowmass 2013

Monday, July 22-Tuesday, July 23

SESSION #1: MODELING RENEWABLE ENERGY INITIATIVE

**(Organized by Doug Arent, Patrick Sullivan and J
John Weyant)**

Wednesday, July 24-Friday, July 26

SESSION #2: INTEGRATED CLIMATE CHANGE IMPACTS ASSESSMENT

(Organized by Gary Yohe, Rich Richels, Tony Janetos, Max Tavoni and John Weyant)

Snowmass 2013 (Continued)

Monday, July 29

SESSION #3: Uncertainty Analysis in Integrated Assessment Models

(Organized by Ken Gillingham and Bill Nordhaus)

Tuesday, July 30 - Noon, July 31

SESSION #4: ScRIM Workshop on Informing Risk Management Decisions in the Face of Deeply Uncertain Sea-Level Rise Projections

(Organized by Klaus Keller and Rob Lempert)

Snowmass 2013 (Continued)

Wednesday, July 31 1PM - August 2

**SESSION #5: Scenarios for Climate Research
and Assessment**

(Organized by Jae Edmonds, Elmar Kriegler, Jerry Meehl, Richard Moss, and John Weyant)

Are We Still a Community Divided: Four (?) IAM Camps

- Aggregated Social Cost of Carbon IA Models
 - Computable General Equilibrium IA Models
 - Energy Systems Oriented IA Models
 - Full “Star Cruiser” RCP Class Structural IAMS
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- Which category you are in influences how you think about incorporating climate change impacts
 - And what kind of sectoral information you are interested in
 - How to set priorities for users/your own model?

SESSION #2: INTEGRATED CLIMATE CHANGE IMPACTS ASSESSMENT

(Organized by Yohe, Richels, Janetos, Tavoni and Weyant)

Wednesday, July 24

8:45 What do Policy Makers want to know? How do we communicate it?

1:30 A scientific perspective on causes for concern (climate science, tundra, sea level rise, acidification, etc.)

3:30 Recent EPA and EU Analyses

Thursday, July 25

8:45 Valuing market, nonmarket impacts

11:00 Approaches to modeling impacts

1:30 Some Additional Attempts to Model Impacts

3:10 Examples of impacts experiences, analyses and what we have learned

4:30 Take Home Messages for Policy Makers

Friday, July 26

8:30 The social cost of carbon

10:30 The importance of scenarios in CC impacts analyses

11:00 Four Panels

[A political economy panel](#)

[Science needs panel](#))

[IAM panel](#)

[“Representative consumers” panel](#)

Four (?) Dimensions to Assessment

- Physical
- Economic
- Institutional
- Policy – Climate and “Other”

“Important” Integrative Elements

- Land
- Water
- Nutrients
- Air Pollutants
- Infrastructure

Simple Snowmass Rules & Regulations

1. No whining
2. No BS
3. No grand standing
4. Admit your discipline is impotent
5. This is **NOT** all about you
6. We **HAVE** the option to invoke the **NAH** rule!

This is **NOT**
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