

Snowmass 2014: an Overview



J. Weyant

July 22- August 1, 2014

Overview of Snowmass 2014

Tuesday, July 22-Friday, July 25

SESSION #1: INTEGRATED CLIMATE CHANGE IMPACTS ASSESSMENT

(Organized by Kate Calvin, Tony Janetos, Karen Fisher-Vanden, Geoff Blanford, Rich Richels, and John Weyant)

Snowmass 2014 (Continued)

Monday, July 28

**SESSION #2: MUP Workshop on:
Uncertainty Analysis in Integrated Assessment Models**
(Organized by Ken Gillingham and Bill Nordhaus)

Tuesday, July 29

**SESSION #3: SCRiM Workshop on
Decision Analysis for Climate Risk Management**
(Organized by Klaus Keller, Rob Lempert and Nancy Tuana)

Snowmass 2014 (Continued)

Wednesday, July 30 – Friday, August 2

- **SESSION #4: Needs for Scenarios: Science, Assessments, and Decision Making**
(Organized by Richard Moss, Jae Edmonds, Klaus Keller, Jerry Meehl, Brian O'Neill, Keywan Riahi, and John Weyant)

Questions?

The Three Golden Rules of Snowmass

1. No whining (the Tony Janetos Rule)
2. No grand standing (the Andrew Luck Rule)
3. This is **NOT** all about you (the Snowmass Rule)

Integrated Climate Change Impacts Assessment

An Overview

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

This is **NOT**
The Aspen Institute

Four (?) Dimensions to Assessment

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

“Important” Integrative Elements

- Land
- Water
- Nutrients
- Air Pollutants
- Infrastructure

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 characterizing uncertainty
 - And what kind of uncertainty information you are interested in
 - How to set priorities for users/your own model?