

# Integrated Climate Change Impacts Assessment

An Overview

# 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?

# Four (?) Dimensions to Assessment

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

# “Important” Integrative Elements

- Land
- Water
- Nutrients
- Air Pollutants

# 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](#)