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

— 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