

# Snowmass Workshop on Rapid System Transitions Towards Low GHG Futures



Planning Committee:  
Jae Edmonds, Haroon Kheshgi, Bryan Mignone,  
Steve Rose, John Weyant  
July 22 - 25, 2019

## Desirable Characteristics of Snowmass Meetings

- Open discussion of issues
- Science first orientation
- Inter-disciplinary (not just multi-disciplinary) dialog
- Mutual learning environment, without usual biases
- Enjoyable colleagues and surroundings
- Environment facilitates new collaborations

# Structure of Agenda for Workshop

Monday, July 22:

## **Major research questions needing answers in the short term**

Session 1: Emerging Science Challenges for Integrated Assessment

Session 2: The Challenge of Rapidly Changing Technology for Integrated Assessment

Session 3: Emerging Policy Challenges for Integrated Assessment

Session 4: How can Integrated Assessment better inform climate risk management?

## **Global scenario science issues and opportunities for climate finance and climate risk assessment**

Tuesday, July 23:

Session 1: Landscape

Session 2: Perspectives from practitioners

Session 3(1): Perspectives from the scientific community

Wednesday, July 24:

Session 3(2): Perspectives from the scientific community

Session 4: Opportunities for advancing science and informing practitioner decisions

Session 5: The way forward, Including a White Paper

Thursday, July 25:

## **Challenges and opportunities in integrated assessment modeling revisited**

Session 6: What have we learned here and what should we do moving forward with quick hits

## **Final Ideas for future community activities**

Questions?

# Some Golden Rules of Snowmass

1. No whining (the Tony Janetos Rule)
2. No grand standing (the Andrew Luck Rule)
3. Unless standing up for the disadvantaged (**the Rapinoe rule**)
4. This is **NOT** all about you (the Snowmass Rule)
5. Do not break any of these rules unless you can break them all in less than 5 minutes (the John Reilly rule)
6. Do not dump all over anyone who breaks any of these rules  
.....Unless they really really deserve it (Janetos II)

# A Few Modeler Perspectives We Have Heard, but Would Like to Avoid Here

- Its not in my model, so it is not important
- It is in my model, but it is not important in my model, so it is not important in the real world
- The real world has produced different outcomes than my model has projected, so the real world must be seriously incorrect
- How dare you question my(our) intellectual dominance