

Draft Agenda for the Combined JGCRI Integrated Assessment Workshop and GCAM Community Modeling Meeting

College Park Marriott Hotel & Conference Center (11th, 12th, 13th); Room 2110
 Joint Global Change Research Institute - 5825 University Research Court #3500 (14th)
 Agenda Updated October 10, 2016

JGCRI Integrated Assessment Workshop: Day I

Tuesday, October 11

Integrated Assessment Past and Future: Celebrating 15 Years of Integrated Assessment at JGCRI

Moderator: Ghassem Asrar (PNNL/JGCRI)

8:30	8:40	Welcome and Introductions	Ghassem Asrar (JGCRI/PNNL)
8:40	8:50	PNNL Perspective on Integrated Assessment and JGCRI	Doug Ray (PNNL)
8:50	9:00	UMD Perspective on Integrated Assessment and JGCRI	Patrick O'Shea (UMD)
9:00	9:10	DOE Perspective on Integrated Assessment and JGCRI	Gary Geernaert, Bob Vallario (US DOE)
9:10	9:45	The Future of Integrated Assessment Research: Perspective	John Weyant (Stanford University)
9:45	10:20	The Future of Integrated Assessment Research: Perspective	Keywan Riahi (IIASA)

10:20 10:50 Break in Presentations: Open Discussion

Modeling Energy-Water-Land Interactions

Moderator: Fernando Miralles-Wilhelm (UMD/ESSIC/JGCRI)

10:50	11:20	Innovations in Energy-Water-Land Modeling at JGCRI	Mohamad Hejazi (PNNL/JGCRI)
11:20	11:50	Insights on the Energy-Water Nexus from Modeling of the Integrated Water Cycle at Regional Scales	Ruby Leung (PNNL)
11:50	12:10	Panel Discussion	---

12:10 13:10 Working Lunch: Open Discussion; Modeling Impacts

Climate Impacts on Agriculture

Moderator: Leon Clarke (PNNL/JGCRI/UMD)

13:10	13:40	Lessons for Integrated Assessment from AgMIP	Alex Ruane (NASA GISS)
13:40	14:10	Incorporating Agricultural impacts in Integrated Assessment Models	Kate Calvin (PNNL/JGCRI)
14:10	14:30	Panel Discussion	---

14:30 15:00 Break in Presentations: Open Discussion

Climate Emulation in Integrated Assessment

Moderator: Kate Calvin (PNNL/JGCRI)

15:00	15:25	Creating Higher Resolution Climate Information for Integrated Assessment Modeling	Claudia Tebaldi (NCAR)
15:25	15:50	Climate modeling for Integrated Assessment: the IGSM	Erwan Monier (MIT)
15:50	16:15	Climate Emulation for IA Models	Corinne Hartin (PNNL/JGCRI)
16:15	16:35	Panel Discussion	---

16:35 17:00 Break in Presentations: Open Discussion

Poster Session

17:00 19:00 Poster Session with Refreshments

19:00 19:00 END OF DAY

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JGCRI Integrated Assessment Technical Workshop: Day 2

Wednesday, October 12

Welcome and Introduction

8:30 8:40 Welcome and Introduction Leon Clarke

The Implications of Paris

Moderator: Haewon McJeon (PNNL/JGCRI)

8:40 8:45 Introduction: The Emerging International Context Haewon McJeon (UMD/JGCRI)
 8:45 9:00 Overview of the Paris Process Nathan Hultman (UMD/CGS/JGCRI)
 9:00 9:25 The Paris Process and the Role of Integrated Assessment Jae Edmonds (PNNL/JGCRI/UMD)
 9:25 9:50 NDC Implementation in Latin America Adrien Vogt-Schilb (Inter-American Development Bank)
 9:50 10:15 Road from Paris - DOE's International Implementation Efforts Christie Ulman (US DOE)

10:15 10:45 Break in Presentations: Open Discussion

10:45 11:05 Modeling a U.S. Mid-Century Strategy Allen Fawcett (US EPA)
 11:05 11:35 Global Lessons from the Deep Decarbonization Pathways Project Jim Williams (DDPP)
 11:35 12:00 Panel Discussion ---

12:00 13:00 Working Lunch: Open Discussion; Modeling

Energy-Water-Land Interactions, Sustainable Development, and Climate Mitigation

Moderator: Mohamad Hejazi (PNNL/JGCRI/ESSIC)

13:00 13:25 Operationalizing the Nexus in Support of Climate Adaptation and Mitigation Steve Schonberger (World Bank)
 13:25 13:50 Energy-Water-Land: Perspectives on Latin America, China, Africa Fernando Miralles-Wilhelm (UMD/ESSIC/JGCRI)
 13:50 14:15 Electricity and Water Interactions in the United States Mort Webster (Penn State University)

14:15 14:45 Break in Presentations: Open Discussion

14:45 15:05 Panel Discussion ---
 15:05 15:25 Global Energy for Water Yaling Liu (PNNL/JGCRI)
 15:25 15:45 Estimating Global Groundwater Resources Catherine Yonkofski (PNNL)
 15:45 16:00 Energy-Water Research under the U.S-India Sustainable Growth Working Group Leon Clarke (PNNL/JGCRI/UMD)

16:00 16:00 END OF DAY

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GCAM Community Modeling Meeting

Thursday, October 13

Welcome and Introduction

8:30 8:40 Welcome and Introduction Leon Clarke (PNNL/JGCRI/UMD)

Activities on Scenarios and Uncertainty in GCAM

8:40 8:55 The GCAM SSP Implementations Kate Calvin (PNNL/JGCRI)
 8:55 9:20 Uncertainty and the SSPs: Large Ensemble Explorations Jon Lamontagne (Cornell University)
 9:20 9:45 Uncertainty Analysis with Hector Ryan Sriver (University of Illinois)

Activities on Regional Modeling in GCAM

9:45 10:05 GCAM-China Sha Yu (PNNL/JGCRI)
 10:05 10:25 GCAM-USA Gokul Iyer (PNNL/JGCRI)

10:25 10:55 Break in Presentations: Open Discussion

Activities on Visualization and Tools for Running GCAM

10:55 11:10 A New GCAM Workflow Process Rich Plevin (UC Berkeley)
 11:10 11:35 Visualization and Diagnostics with GCAM Ross Maciejewski (Arizona State University)
 11:35 12:00 User Interface Activities at US EPA Dan Loughlin (US EPA)

12:00 13:00 Working Lunch: Open Discussion

Overview of GCAM

13:00 14:15 Overview Part I GCAM Team

14:15 14:45 Break in Presentations: Open Discussion

14:45 16:45 Overview Part 2 GCAM Team
 16:45 17:15 New Directions in GCAM Development GCAM Team
 17:15 17:30 Open Discussion ---

17:30 17:30 END OF DAY --

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GCAM Community Modeling Meeting

Friday, October 14

GCAM Tutorial

9:00 17:00 GCAM Tutorial and Hands On Assistance GCAM Team

17:00 17:00 END OF DAY --