

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

The Joint Global Change Research Institute
5825 University Research Court, #3500, College Park, Maryland 20740

JGCRI Integrated Assessment Technical Workshop: Day 1

Monday, October 20

8:30	8:45	Welcome and Introductions	Ghassem Asrar
8:45	9:15	The evolution of integrated assessment modeling and research: past and future	Leon Clarke
Start	End	Title	Presenter
Energy and Climate Change			Stephanie Waldhoff
9:15	10:00	The implications of abundant natural gas on climate change - a multi-model analysis	Haewon McJeon
10:00	10:45	Bioenergy and climate mitigation -- lessons from GCAM modeling	Marshall Wise
10:45	11:15	<i>Discussion</i>	-
11:15	12:00	Climate change and U.S. electricity infrastructure: insights from coupling GCAM with a high-resolution siting model	Jennie Rice
12:00	12:30	Renewable energy futures in China: an application of GCAM	Jae Edmonds for Zhou Sheng (Tsinghua University)
12:30	13:30	Working Lunch: Open Discussion	Leon Clarke
Water and Climate Change			Mohamad Hejazi
13:30	14:00	DOE perspectives on energy-water-land research priorities	Bob Vallario (U.S. DOE)
14:00	14:50	Modeling water in GCAM: past and future	Mohamad Hejazi
14:50	15:35	Balancing global water supplies and demands: initial experiments in an integrated assessment model	Sonny Kim
15:35	16:05	<i>Discussion</i>	-
16:05	16:50	Modeling regional water stress using a coupled modeling framework with GCAM and regional water system models	Ruby Leung
16:50	17:30	Climate change impacts on hydropower generation	Yuyu Zhou
17:30	17:30	END OF DAY	--

JGCRI Integrated Assessment Technical Workshop: Day 2

Tuesday, October 21

Start	End	Title	Presenter
Welcome and Introduction			
8:30	8:45	Welcome and Introduction	Leon Clarke
Topics in Climate Impacts			
8:45	9:45	Modeling climate impacts in GCAM: where are we now and where are we headed?	Kate Calvin
9:45	10:15	Climate change and civil conflict - initial results from the Minerva project	Stephanie Waldhoff
10:15	10:35	Heat deaths and climate change in the United States	Elisabeth Gilmore (UMD/JGCRI)
10:35	11:05	<i>Discussion</i>	-
11:05	11:40	The effects of land unit boundaries on land use and cover projection	Alan DiVittorio (LBNL)
11:40	12:15	The development of new scenarios	Richard Moss
12:15	13:15	Working Lunch: Open Discussion	Leon Clarke
13:15	13:55	The Integrated Earth System Model	Bill Collins (LBNL)
13:55	14:35	Hector - a new earth system emulator	Corinne Hartin
14:35	15:05	<i>Discussion</i>	-
Climate Mitigation Strategies			
15:05	15:40	Using integrated assessment models for policy analysis: recent U.S. experience	Allen Fawcett (U.S. EPA)
15:40	16:20	The challenges of climate stabilization -- lessons from IPCC AR5	Leon Clarke
16:20	16:55	Black carbon in Russia - sources and policy effects	Nazar Kholod
16:55	17:30	Near-Term Climate Change: Projections and Mitigation	Steve Smith
17:30	17:30	END OF DAY	--

GCAM Community Modeling Meeting**Wednesday, October 22**

Start	End	Title	Presenter
Welcome and Introduction			
8:30	8:45	Welcome and Introduction	Leon Clarke
An Overview of GCAM			
8:45	10:45	Overview Part 1	GCAM Team
10:45	11:15	Discussion	-
11:15	12:45	Overview Part 2	GCAM Team
12:45	13:45	Working Lunch: Open Discussion	Kate Calvin
Tutorial on Running GCAM			
13:45	15:15	Tutorial Part I	GCAM Team
15:15	15:45	Discussion	-
15:45	17:30	Tutorial Part I	GCAM Team
17:30	17:30	END OF DAY	--

GCAM Community Modeling Meeting**Thursday, October 23**

Informal Hands on Assistance for GCAM			
8:30	17:30	Hands on Assistance	JGCRI Staff
17:30	17:30	END OF DAY	--