

Agenda for the 9th Annual IAMC Conference

The 9th Annual IAMC Meeting is hosted by the Energy Research Institute (ERI) and held at Grand Gongda Jianguo Hotel Beijing

Meeting Agenda, Status December 1, 2016

Sunday, December 4, 2016			

Day 1: Monday, December 5, 2016			
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Time	Opening Plenary			
0:15:00	8:30	8:45	Welcome and introductory remarks	tbd
0:15:00	8:45	9:00	Introduction to the meeting	John Weyant
IPCC / UNFCCC session (120 min)			Chair: Detlef van Vuuren	
0:15:00	9:00	9:15	IPCC priorities and implications for IAM work in the next IPCC cycle	P.R. Shukla (IPCC)
0:35:00	9:15	9:50	Presentation on 1.5 deg C analysis and (I)NDCs by IAM models. Latest insights	Joeri Rogelj (IIASA), Mark Roelfsema (PBL) and Gunnar Luderer (PIK)
0:30:00	9:50	10:20	Presentations by Arthur Runge Metzger (EU), Allen Fawcett (USA), Fu Sha (China) on UNFCCC process and information needs (10 minutes each)	
0:30:00	10:20	10:50	Discussion between audience and panel (IPCC representatives and policy makers)	
0:30:00	10:50	11:20	Break	
Financial implications of transition pathways (100 min)			Chair: Elmar Kriegler	
0:15:00	11:20	11:35	Introduction - current insights from IAMs and key limitation	Massimo Tavoni (FEEM)
0:15:00	11:35	11:50	Connecting IAMs to financial analysis	Christopher Weber (2 degrees investing)
0:15:00	11:50	12:05	Transition risk and macro-financial stability	Carsten Jung (Bank of England)
0:15:00	12:05	12:20	China perspective	Qi Ye (Tsinghua University)
0:05:00	12:20	12:25	Discussant	Celine Guivarch (CIRED)
0:35:00	12:25	13:00	Discussion between audience and panel discussion (speakers + discussion)	

1:00	13:00	14:00	Lunch	
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Time	Parallel Session: Analysis of climate change, climate impacts and adaptation in IAM applications			
0:05:00	14:00	14:05	Introduction	Chairs (Toshihiko Masui, Juan-Carlos Ciscar)
0:20:00	14:05	14:25	Uncertain climate change impacts on global energy consumption	Bas van Ruijven (NCAR)
0:20:00	14:25	14:45	Economic implications of limiting global temperature at 1.5 °C: the case of building energy use	Shinichiro Fujimori (NIES)
0:20:00	14:45	15:05	Can we mitigate climate change and sustainably feed the world? The links between energy and land-use in long-term mitigation strategies	Ruben Bibas (CIRED)
0:20:00	15:05	15:25	How Food Secure is the Green, Rocky and Middle Roads: Food Security Effects of Three SSPs	Andrzej Tabeau (LEI Wageningen)
0:20:00	15:25	15:45	Global food insecurity under climate volatility	Tomoko Hasegawa (NIES)
0:30:00	15:45	16:15	Break	
0:20:00	16:15	16:35	Natural and Managed Resources over Asia and the U.S.: Risks and Rewards from Changes and Actions	Adam Schlosser (MIT)
0:20:00	16:35	16:55	Quantifying the multi-sector benefits to the U.S. of climate action: USEPA's CIRA2.0 project	Jeremy Martinich (USEPA)
0:20:00	16:55	17:15	The International Trade Consequences of Climate Change	Rob Dellink (OECD)

Time	Parallel Session: Global Deep Transformation Pathways			
0:05:00	14:00	14:05	Introduction	Chairs (Detlef van Vuuren, Elmar Kriegler)
0:20:00	14:05	14:25	Quantifying carbon budgets for global deep transformation pathways	Joeri Rogelj (IIASA)
0:20:00	14:25	14:45	Decarbonization bottlenecks and the 1.5°C limit: Insights from the ADVANCE scenarios	Gunnar Luderer (PIK)
0:20:00	14:45	15:05	GHG emission pathways for the 1.5 C temperature rise target and their challenges	Keigo Akimoto (RITE)
0:20:00	15:05	15:25	Realizing the 1.5°C target: energy transformation and the need for flexibility and new technologies	Evangelos Panos (PSI)
0:20:00	15:25	15:45	Limited carbon dioxide removal portfolios for deep transformation pathways	Elmar Kriegler (PIK)
0:30:00	15:45	16:15	Break	
0:20:00	16:15	16:35	The role of abundant natural gas in global deep transformation pathway	Haewon McJeon (PNNL)
0:20:00	16:35	16:55	Food and Energy from Marine Algae: Enabling deep transformation in agriculture & bioenergy	Michael Walsh (Bentley University)
0:20:00	16:55	17:15	How do transport behavior and policy affect mitigation potential and cost? A simulation by AIM/Transport model	Runsen Zhang (NIES)

0:20:00	17:15	17:35	Heterogeneity in the national contributions to the Social Cost of Carbon	Laurent Drouet (FEEM)
0:25:00	17:35	18:00	Moderated discussion	

0:30	18:00	18:30	Break	
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Poster Session				
1:00:00	18:30	19:30	Slot 1 Thematic areas Global deep transformation pathways The role of Non-CO2 emissions IAM methods and approaches From climate policy to broader sustainable development analysis	
1:00:00	19:30	20:30	Slot 2 Thematic areas (preliminary) National and regional transformation pathways Analysis of climate change, climate impacts and adaptation in IAM applications	

Day 2: Tuesday, December 6, 2016

Time	Parallel Session: From climate policy to broader sustainable development analysis: New IAM analyses on the climate policy – sustainable development nexus and sustainable development strategies			
0:05:00	8:30	8:35	Introduction	Chairs (Jiang Kejun, Tom Kram, Keywan Riahi)
0:25:00	8:35	9:00	Integrated Model Frameworks for Assessing Sustainable Development Goals	Heleen van Soest, PBL
0:25:00	9:00	9:25	Analyzing Pathways to the SDGs: Universal Secondary Education in Broader Context	Barry Hughes, University of Denver
0:25:00	9:25	9:50	Assessing Health and Economic Impacts of Air Pollution in Asia under SSP and mitigation scenarios	Yang Xie, NIES
0:25:00	9:50	10:15	Energy-economy transformation pathways: a three-dimension guide of integrated models	Ruben Bibas, CIRED
0:30:00	10:15	10:45	Break	
0:25:00	10:45	11:10	Quantitative Analysis on Energy Saving and Emission Reduction from Circular Economy in China	Chenmin HE, Peking University
0:25:00	11:10	11:35	Energy Poverty in the Shared Socioeconomic Pathways (SSPs) – The Case of India	Shonali Pachauri, IIASA
0:25:00	11:35	12:00	The Integrated Urban Complexity Model: Computing the Emergence of Urban Decarbonization	Roger Cremades, Climate Service Center Germany
0:25:00	12:00	12:30	Moderated discussion	

1:00	12:30	13:30	Lunch	
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Time	Parallel Session: Uncertainty and the use of IAM projections			
0:05:00	13:30	13:35	Introduction	Chairs (Massimo Tavoni, Bas van Ruijven)
0:25:00	13:35	14:00	An elephant in the room: do cost overruns of energy megaprojects lead to suboptimal decisions in IAMs?	Alex Koberle (COPPE)
0:25:00	14:00	14:25	Impacts of nationally determined contributions on 2030 global greenhouse gas emissions	Celine Guivarch (CIRED)
0:25:00	14:25	14:50	Do demographic characteristics of labor force matter for future carbon emissions?	Taoyuan Wei (CICERO)
0:25:00	14:50	15:15	Impacts of Demographic Transition on Carbon Emissions	Biying Yu (BIT)
0:30:00	15:15	15:45	Break	

0:20:00	17:15	17:35	Mitigation costs in second-best economies: time profile of emission reductions and sequencing of accompanying measures	Meriem Hamdi-Cherif (CIRED)
0:25:00	17:35	18:00	Moderated discussion	

Day 2: Tuesday, December 6, 2016

Time	Parallel Session: National and regional transformation pathways, including INDCs and mid-century mitigation strategies			
0:08:00	8:30	8:38	Introduction	Chairs (Roberto Schaeffer, Leon Clarke, Volker Krey)
0:23:00	8:38	9:01	Global and regional abatement costs resulting from Paris Agreement and enhanced action to levels well below 2°C and 1.5°C	Michel den Elzen, PBL
0:23:00	9:01	9:24	Key uncertainty analysis of Nationally Determined Contributions under the Paris Agreement	Oliver Fricko, IIASA
0:23:00	9:24	9:47	Will International Emissions Trading Help Achieve the Objectives of the Paris Agreement	Shinichiro Fujimori, NIES
0:23:00	9:47	10:10	Do national-level policies to promote low-carbon technology deployment pay off for the investor countries?	Gokul Iyer, PNNL
0:30:00	10:10	10:40	Break	
0:23:00	10:40	11:03	The U.S. Mid-Century Strategy: Key Themes and Lessons for Future Analysis	Allen Fawcett, EPA
0:23:00	11:03	11:26	Feasibility Analysis for Rapid Energy Transition in China for the Global 2°C Target	Kejun Jiang, ERI
0:23:00	11:26	11:49	How will China's INDC target affect the provincial industrial competitiveness?	Daiqing Zhao, Guangzhou Institute of Energy Conversion
0:23:00	11:49	12:12	Evaluation of the Low Carbon City Roadmap in Taiwan: A Case Study on the Combined Use of Enduse and EnergyPlus Models	Miao-Shan Tsai (Industrial Technology Research Institute)
0:18:00	12:12	12:30	Moderated discussion	

Time	Ratcheting up the NDCs – national roadmaps consistent with the global objectives of 1.5 and 2C			
0:10:00	13:30	13:40	Introduction	Chairs (Keywan Riahi, Volker Krey)
0:20:00	13:40	14:00	Developing a policy framework for climate policy reference scenarios: where are current policies leading us?	Mark Roelfsema (PBL)
0:20:00	14:00	14:20	Global and regional transformation pathways for 1.5 and 2C	Elmar Kriegler/Gunnar Luderer (PIK)
0:20:00	14:20	14:40	SDG implications of the transformation pathways	Volker Krey (IIASA)
0:15:00	14:40	14:55	Overview of the Global Energy and Climate Outlook (GECO) 2016	Bert Savéyn (JRC)
0:17:00	14:55	15:12	China country-level presentation	Chen Wenyong (TU)
0:30:00	15:12	15:42	Break	

0:25:00	15:45	16:10	Cost-Risk Trade-off of Solar Radiation Management and Mitigation - considering Regional Disparities under Probabilistic Climate Sensitivity	Elnaz Roshan (Univ.Of Hamburg)
0:25:00	16:10	16:35	Climate change mitigation strategy under an uncertain Solar Radiation Management possibility	Tommi Ekholm (VTT)
0:25:00	16:35	17:00	Influence of tipping points on the Social Cost of Carbon	Nicolas Taconet (CIRED)
0:25:00	17:00	17:25	Energy Intensity - the past, the future and the role of institutions	Johannes Emmerling (FEEM)
0:25:00	17:25	17:50	Moderated discussion	

0:17:00	15:42	15:59	India country-level presentation	Ritu Mathur (TERI)
0:17:00	15:59	16:16	Brazil country-level presentation	Roberto Schaeffer (COPPE)
0:17:00	16:16	16:33	Japan country-level presentation	Keii Gi (RITE)
0:17:00	16:33	16:50	EU28 country-level presentation	Zoi Vrontisi (ICCS)
0:40:00	16:50	17:30	Moderated panel discussion	Chen Wenyang (TU), Ritu Mathur (TERI), Roberto Schaeffer (COPPE), Keii Gi (RITE), Zoi Vrontisi (ICCS), Volker Krey (IIASA)

Day 3: Wednesday, December 7, 2016

Time	Closing Plenary		Chair: Jae Edmonds
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Global and national mitigation pathways				
0:20:00	8:30	8:50	Insights from low carbon society project: options for collaboration	Tomonori Sudo
0:15:00	8:50	9:05	Mitigation pathways in developing countries	Roberto Schaeffer
0:15:00	9:05	9:20	Mitigation and SDGs	Heleen van Soest and Keywan Riahi
0:30:00	9:20	9:50	Open discussion	
0:30:00	9:50	10:20	Break	

Time	Closing topics		Chair: John Weyant
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0:15:00	10:20	10:35	Report from the scenarios scientific working group (incl. Q&A)	Tom Kram, Keywan Riahi, Detlef van Vuuren
0:15:00	10:35	10:50	Report from the data protocols scientific working group (incl. Q&A)	Volker Krey, IIASA
0:15:00	10:50	11:05	Report from the evaluation and diagnostics scientific working group (incl. Q&A)	Elmar Kriegler
0:20:00	11:05	11:25	Overview on community activities	John Weyant
0:20:00	11:25	11:45	Open discussion of IA priority areas, strategy and criticism	Jae Edmonds, PNNL
0:15:00	11:45	12:00	Other IAMC business and closing remarks	Jiang Kejun and John Weyant

1:00	12:00	13:00	Lunch
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Time	Scientific Working Group Meetings	
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1:00:00	13:00	14:00	Scenarios SWG	Tom Kram, Keywan Riahi, Detlef van Vuuren
0:25:00	14:00	14:25	Break	
1:00:00	14:25	15:25	Data protocols and management SWG	Volker Krey, David McCollum
1:00:00	15:25	16:25	Evaluations and diagnostics SWG	Jae Edmonds, Elmar Kriegler, John Weyant