AgMIP TEAM & AgMIP8 SESSIONS - MONDAY OCTOBER 12, 2020

TIME (EDT)	NAME	DESCRIPTION	CONTACT
0700-0900 CLOSED SESSION	AgMIP Rice Annual Meeting	- Summary of the 2019 activities - Discussion on the new results including progress on multi-site simulation using CMIP6 results - Discussion on the next steps and meetings	Host - Toshi Hasegawa thase@affrc.go.jp
0800-0930 OPEN SESSION	Maize model ET simulation inter-comparison	This session reports progress in the inter-comparison among maize models in their ability to simulate evapotranspiration (ET). A short review of the results of an initial Round 1 using Ames, Iowa data will be presented. Then a more detailed report covering progress in Round 2 using data from Mead, Nebraska and Bushland, Texas will be covered. Round 2 has completed two "Phases" and is in Phase 3 of 4.	Host - Bruce A. Kimball bruce.kimball@usda.gov AgMIP Coord: Maria m.dombrov@columbia.edu
08:00-09:30 OPEN SESSION	New AgMIP-Vietnam	Moderator: Dr. Tanh Nguyen (AgMIP-Vietnam Lead, An Giang University) Contents and Speakers: - Introduction of AgMIP-Vietnam - Dr. Tanh Nguyen, An Giang University, Vietnam National University-Ho Chi Minh City - Saline intrusion and adaptation - Dr. Gummadi Sridhar, International Rice Research Institute - Nature-based solutions: Floating rice modeling - Dr. Tanh Nguyen, An Giang University, Vietnam National University-Ho Chi Minh City - Climate variability - Dr. Tan Phan, University of Science, Vietnam National University-Hanoi - Streamflow prediction in "geopolitically ungauged" basins using satellite observations and regionalization at subcontinental scale - methodology and web portal - Dr. Duong Bui, Ministry of Natural Resources and Environment Q&A and Discussion	Host - Tanh Nguyen ntntanh@agu.edu.vn AgMIP Coord: Carolyn Mutter czm2001@columbia.edu



TIME (EDT)	NAME	DESCRIPTION	CONTACT
09:00-11:00 CLOSED SESSION	AgMIP-Wheat & IWYP Satellite Meeting	 Report progress on AgMIP Wheat and IWYP activities. Present and discuss publication plan. Discuss and decide on next 12 months activities for AgMIP-Wheat and IWYP. Preparation of future workshops. 	Host: Senthold Asseng sasseng@ufl.edu
09:00-11:00 CLOSED SESSION	Global Gridded Crop Model Intercomparison	Presentations of recent papers and internal developments, focus on AR6 submission deadline	Hosts: Christoph Müller cmueller@pik-potsdam.de Jonas Jägermeyr
11:10-13:00 OPEN SESSION	Global Gridded Crop Model Intercomparison	11-11:10am - Break 11:10am - 1 pm - OPEN SESSION - Discussions of GGCMI future directions and Phase 3 protocol topics (ISIMIP adaptation strategies, model evaluation, protocol issues, etc.)	jj3153@columbia.edu
09:30-11:00 OPEN SESSION	NEW – Circularity in Food Systems Workgroup	Session objectives include: - Raise awareness for this topic - Lay the foundation for a conceptual understanding - Learn from underway work in NW Europe - Explore linkages with AgMIP methods - Consider principles for intensification, adaptation, and development in global South Link to Program & Recommended Readings	Hosts: Martin van Ittersum martin.vanIttersum@wur.nl James W. Jones jimj@ufl.edu AgMIP Coord: Carolyn czm2001@columbia.edu
09:30-11:30 CLOSED	Low-input Farming Systems	 New activity on simulation of long-term soil C dynamics: presentation of datasets (Kenya, Zimbabwe) and outline of model intercomparison Preliminary results of follow-up study of Phase 1: reducing uncertainty in simulated response to N fertilizer. Discussion on the science agenda of the group. 	Host: Gatien Falconnier gatien.falconnier@cirad.fr



TIME (EDT)	NAME	DESCRIPTION	CONTACT
11:00-12:30	AgMIP Soybean	This session reports progress from the AgMIP Soybean team activities.	Montse Salmeron
	multi-	This will include two main goals:	msalmeron@uky.edu
OPEN	model studies		
SESSION		- Brief review of results from the last calibration step (N optimization)	AgMIP Coord: Erik
		and overall progress summary from the first multi-model study already	erik.mencos@columbia.edu
		completed (Phase 1: CTWN sensitivity analysis), and	
		- Present preliminary results from the first calibration step in the	
		evapotranspiration (ET) multi-model study with data fromNebraska and	
		Canada. Currently the Soybean team is undergoing calibration step 2/3	
		from the ET multi-model study.	
11:15-13:15	Calibration	- Brief reminder of what has been done. (Finished two multi-model	Host: Sabine Seidel
		simulation studies, and submitted two papers on evaluation and a paper	sabine.seidel@uni-bonn.de
CLOSED		on calibration methods).	
SESSION		Main tania Diagonalian of "Quidelines for any planta and any del	
		- Main topic - Discussion of "Guidelines for crop phenology model	
		calibration" document sent to participants. Participants will be requested to implement the guidelines with their model, using the same	
		French and Australian datasets already studied. This session is our	
		opportunity to discuss the principles, details and implementation of the	
		guidelines, and to bring up any problems.	
		- Discussion of future steps.	

Monday, October 12, 2020 Afternoon – Workshop: Food Systems Emissions				
	AgMIP, Columbia University, FAO, and New York University are collaborating on a project that aims to close the current knowledge gaps with respect to food system GHG emissions. The purpose of this work session is to share initial results from this activity with the broader AgMIP community and receive feedback on how the project can enhance national and global accounting of total food system emissions, create greater awareness among policymakers and the public, and develop actionable policy recommendations			
Time (EDT)	Session	Speaker(s) / Moderator(s)	AgMIP Coordinator	
13:00- 13:10	Welcome and Goals of Workshop	Cynthia Rosenzweig, NASA GISS	AgMIP Coord: Erik erik.mencos@columbia.edu	
13:10- 14:00	Introduction to Food System Emissions Project	Francesco Tubiello, <i>FAO</i> Philippe Benoit, <i>Columbia University</i>		
14:00- 15:00	Food System Emissions by Activity	Hörn Heiðarsdóttir (moderator), <i>Earth 2.0</i> Sally Qiu, <i>Columbia University</i> Julio Barros, <i>Columbia University</i> Kevin Karl, <i>Columbia University/FAO</i>		
15:00- 15:10	Introduction to Policy	David Sandalow, Columbia University		
15:10- 15:40	Science and Policy Breakouts 1. What is the current status of analysis? 2. What are the key data and modeling gaps and how can they be filled? 3. What are innovative ways to move forward?			
	Dietary Demand and Competition for Land	Matthew Hayek, <i>NYU</i> Hörn Heiðarsdóttir (rapporteur), <i>Earth 2.0</i>	AgMIP Coord: Carolyn czm2001@columbia.edu	
	Science into Policy Action: International and Domestic Strategies (NDCs)	David Sandalow, <i>Columbia University</i> Sally Qiu (rapporteur), <i>Columbia University</i>	AgMIP Coord: Cynthia	



Monday, October 12, 2020 Afternoon – Workshop: Food Systems Emissions, cont.				
	Science and Policy Breakouts, cont. 1. What is the current status of analysis? 2. What are the key data and modeling gaps and how can they be filled? 3. What are innovative ways to move forward?			
Time (EDT)	Session	Speaker(s)	AgMIP Coordinator	
15:10- 15:40, cont.	Energy, Agriculture, and Food Chains	Francesco Tubiello, <i>FAO</i> Kevin Karl, <i>FAO</i> Meryl Winicov (rapporteur), <i>Columbia University</i>	AgMIP Coord: Maria m.dombrov@columbia.edu	
15:40-	Breakouts Report Back	Matthew Hayek, NYU	AgMIP Coord: Erik	
16:00	Ways Forward	Cynthia Rosenzweig, NASA GISS Francesco Tubiello, FAO David Sandalow, Columbia University Matthew Hayek, NYU	erik.mencos@columbia.edu	



Tuesday, October 13, 2020 Morning - Food Systems, Shocks, and Security

Time (EDT)	Session	Speaker(s)	AgMIP Coordinator
9:00- 9:05	Opening Remarks	Cynthia Rosenzweig, NASA GISS Ghassem Asrar, USRA	AgMIP Coord: Erik erik.mencos@columbia.edu
9:05- 9:15	Welcome	Sir Alex Halliday, The Earth Institute	
9:15- 9:45	Keynote: COVID19 and the Food System Significance of COVID 19 pandemic and disruption of food systems worldwide; links to climate change and sustainable development	Martin Bwalya, <i>CAADP-NEPAD</i>	
9:45- 10:15	Keynote: Food Security, Health, and Nutrition Linkages among food security, diets and nutrition, and health; how to bring the agriculture and nutrition communities together	Jess Fanzo, Johns Hopkins University	
10:15- 11:00	Panel: NextGen Modeling for Food Systems, Shocks, and Security The panel will examine the cross-disciplinary and cross-scale challenges associated with understanding food shocks and the propagation and cascade of impacts throughout the food system, including nutrition and food security. Of particular focus will be critical model response capabilities and frameworks that connect models in order to capture feedback loops and unintended consequences of responsive and proactive actions.	Alex Ruane (moderator), NASA GISS Panel: Molly Jahn, Jahn Research Group Chris Funk, UC Santa Barbara Naomi Fukagawa, USDA ARS Tom Hertel, Purdue University	
11:00- 11:30	Moderated Discussion and Session Wrap-up	Alex Ruane, NASA GISS	



Tuesday, October 13, 2020, continued Afternoon - AgMIP Advances, Part 1: Modeling

Time (EDT)	Session	Speaker(s)	AgMIP Coordinator
12:00- 12:15	Introduction to Panel Breakout Sessions	Alex Ruane, NASA GISS Sonali McDermid, NYU	AgMIP Coord: Erik erik.mencos@columbia.edu
12:15- 14:00	Advances in Global to Regional Modeling Regional Integrated Assessments. Global Economics. Global Agricultural Modeling. RAPs and Scenarios.	John Antle (moderator), Oregon State University Lieven Claessens, IITA Hermann Lotze-Campen, Potsdam Institute for Climate Impact Research Christoph Müller, Potsdam Institute for Climate Impact Research Roberto Valdivia, Oregon State University	AgMIP Coord: Carolyn czm2001@columbia.edu Rapporteur: TBD
	Advances in Crop System Modeling Modeling the 'Big Four'	Senthold Asseng (moderator), <i>Univ of Florida</i> Montse Salmeron, <i>University of Kentucky</i> Marc Corbeels, <i>CIRAD-CIMMYT</i> Dave Gustafson, <i>Agriculture & Food Systems Institute</i> Lew Ziska, <i>Columbia University</i> Cheryl Porter, <i>University of Florida</i>	AgMIP Coord: Maria m.dombrov@columbia.edu Rapporteur: TBD
	Advances in Environmental Stresses Modeling		AgMIP Coord: Cynthia
	Ozone Pests and Diseases Heat and Drought Responses in Current Global Crop Models Evapotranspiration	Lisa Emberson (moderator), <i>University of York</i> Simone Bregaglio, CREA-Italy; Laetitia Willocquet, INRAE; Serge Savary, INRAE Jonas Jägermeyr, <i>Columbia University</i> Bruce Kimball, <i>USDA ARS</i>	Rapporteur: TBD



Tuesday, October 13, 2020, continued Afternoon - AgMIP Advances, Part 1: Modeling				
Time (EDT)	Session	Speaker(s)	AgMIP Coordinator	
14:00- 14:30	Breakouts Report Back and Session Wrap-up	Alex Ruane, NASA GISS Sonali McDermid, NYU	AgMIP Coord: Erik erik.mencos@columbia.edu	

(END OF TUESDAY SESSIONS)



Wednesday, October 14, 2020	
Morning - Resilience to Food Shocks and Stresses	;

Time (EDT)	Session	Speaker(s) / Moderator(s) / Rapporteur(s)	AgMIP Coordinator
9:00- 9:10	Introduction	Hermann Lotze-Campen, Potsdam Institute for Climate Impact Research	AgMIP Coord: Erik erik.mencos@columbia.edu
9:10- 9:30	Keynote: Understanding Resilience The speaker will address the benefits of resilient agricultural systems and the biophysical, socioeconomic, technological, and geopolitical forces that will shape the development (or lack of development) for climate resilience.	Mark Howden, Australian National University	
9:30- 11:00 Shocks and Resilience Breakouts 1. Which shocks and interventions can currently be modeled in the 2. What are novel approaches to improve modeling for resilience 3. What data are most critical for advancement?			
	Farm Systems This breakout will examine current and novel approaches to model farm systems, including crops, livestock, water resources, and household economics. Topics include the biophysical simulation of hazards within different cropping systems as well as important elements or hazards that are not currently captured.	Roberto Valdivia, <i>Oregon State University</i> Heidi Webber, <i>ZALF</i> Meryl Winicov (rapporteur), Columbia Univeristy	AgMIP Coord: Carolyn czm2001@columbia.edu



Wednesday, October 14, 2020, cont. Morning - Resilience to Food Shocks and Stresses				
9:30- 11:00	Shocks and Resilience Breakouts, cont. 1. Which shocks and interventions can currently be modeled in this food system component? 2. What are novel approaches to improve modeling for resilience decisions? 3. What data are most critical for advancement?			
Time (EDT)	Session	Speaker(s) / Moderator(s) / Rapporteur(s)	AgMIP Coordinator	
9:30- 11:00	Value Chains, Markets, and Trade This breakout will examine data and models that help us understand food systems beyond the farm gate. Potential topics include improved representation of storage, transportation, processing, advertising, global-to-local price translation, trade flows, and geopolitical influences (e.g., incentives and tariffs).	Sabine Homann Kee-Tui, <i>ICRISAT</i> David Laborde, <i>IFPRI</i> Carolyn Mutter (rapporteur), Columbia University	AgMIP Coord: Cynthia	
	Diets, Food Security, and Nutrition This breakout will examine how diets and nutrition shape (and are shaped by) food systems, and how these forces lead to food insecurity that may be sporadic, seasonal, and acute for vulnerable populations. Discussion will aim to identify options (across a variety of implementation timelines) supported by model applications to build healthier food systems.	Pauline Scheelbeek, <i>LSHTM</i> Marco Springmann, <i>University of Oxford Maria Dombrov (rapporteur), Columbia University</i>	AgMIP Coord: Maria m.dombrov@columbia.edu	
11:00- 11:30	Breakouts Report Back and Session Wrap-up	Hermann Lotze-Campen (moderator), Potsdam Institute for Climate Impact Research	AgMIP Coord: Erik erik.mencos@columbia.edu	



Wednesday, October 14, 2020, continued Afternoon – Reimagining the Food System: Nutrition, Diets and Security				
Time (EDT)	Session	Speaker(s) / Moderator(s) / Rapporteur(s)	AgMIP Coordinator	
12:00- 12:10	Introduction to the Columbia Climate School Introduction to the Session	Ruth DeFries, Columbia University Cynthia Rosenzweig, NASA GISS	AgMIP Coord: Erik erik.mencos@columbia.edu	
12:10- 12:30	Keynote: Transforming the Global Food System: A Multi-faceted Perspective	Mario Herrero, CSIRO		
12:30- 12:50	Keynote: Local Linkages for Food Security, Nutrition, and Health	Jennifer Woo Baidal, Columbia University		
12:50- 13:20	Panel: Roadmaps and Reality Checks	Glenn Denning (moderator), Columbia University Ruth DeFries, Columbia University Elisabeth Ilboudo-Nebie, IRI Michael Puma, NASA GISS Ana Maria Loboguerrero, CIAT-CGIAR		
13:20- 14:00	Nuts and Bolts Breakouts 1. What are the barriers to effective change and what actions should be taken to overcome them? 2. What interdisciplinary research and practice is needed to advance food system changes in your area? 3. What actions should comprise the first steps?		ea?	
	Agriculture, Water, and Land	Weston Anderson, <i>IRI</i> Jonas Jägermeyr, <i>Columbia University</i> Elisabeth Ilboudo-Nebie (rapporteur), IRI Sarah Garland (rapporteur), Columbia Univ	AgMIP Coord: Jonas jj3153@columbia.edu	
	Shocks, Stresses and Building Resilience	Alex Ruane, NASA GISS Wolfram Schlenker, Columbia University Kai Kornhuber (rapporteur), Columbia Univ	AgMIP Coord: Carolyn czm2001@columbia.edu	



Wednesday, October 14, 2020, continued Afternoon – Reimagining the Food System: Nutrition, Diets and Security				
Time (EDT)	Session	Speaker(s) / Moderator(s) / Rapporteur(s)	AgMIP Coordinator	
13:20- 14:00, cont.	Nuts and Bolts Breakouts, cont. 1. What are the barriers to effective change and wha 2. What interdisciplinary research and practice is need 3. What actions should comprise the first steps?	ea?		
	Nutrition and Health Equity	Richard Deckelbaum, Columbia University Lew Ziska, Columbia University Shauna Downs, Rutgers Corey Lesk (rapporteur), Columbia University Kathrin Schilling (rapporteur), LDEO, CU	AgMIP Coord: Maria m.dombrov@columbia.edu	
	Enablers of Transformation	Pam Koch, Columbia University Malgosia Madajewicz, Columbia University Nicolas Hernandez-Aquilera (rapporteur), Columbia University	AgMIP Coord: Malgosia mm1174@columbia.edu	
14:00- 14:20	Breakouts Report Back	Alison Rose (moderator), IRI/CCAFS	AgMIP Coord: Erik erik.mencos@columbia.edu	
14:20- 14:30	Session Wrap-up	Walter Baethgen, <i>IRI</i>		



Thursday, October 15, 2020 Morning – From Assessment to Action

Time (EDT)	Session	Speaker(s)	AgMIP Coordinator		
9:00- 9:10	Introduction	Cynthia Rosenzweig, NASA GISS	AgMIP Coord: Erik erik.mencos@columbia.edu		
9:10- 9:30	Keynote: How Do We Get There? The speaker will provide perspectives on what is needed from models and modelers to help enable a transition towards improved agriculture and food systems. What are the key bottlenecks and limiting factors? How might models and modelers respond to affect greater interest among decision makers?	Sally Rockey, <i>FFAR</i>			
9:30- 10:30	Panel: Stakeholder Perspectives Panelists will share perspectives on stakeholder contexts for science-informed action related to crop, livestock, and broader food systems, exploring the potential for model-based intervention, forecast, and foresight services.	Bill Hohenstein (moderator), USDA Youssef Nassef, UNFCCC Ernie Shea, Solutions from the Land/GACSA Bruce Currie-Alder, IDRC Josette Lewis, Almond Board of California Oscar Castañeda, Heifer International			
10:30- 11:20	Panel: The Role of Modelers The panel will discuss the types of questions that models are strongly suited to address and how these motivate cutting-edge model development and applications ranging from plant-level biophysical processes to global trade and development scenario assessment. Panelists will also highlight success stories where models are incorporated effectively into decision making processes.	Cynthia Rosenzweig (moderator), NASA GISS Ibrahima Hathie, IPAR Senegal Almut Arneth, Karlsruhe Institute of Technology Michael Barton, Arizona State University Joshua Elliott, DARPA			
11:20- 11:30	Session Wrap-up	Cynthia Rosenzweig, NASA GISS			



Thursday, October 15, 2020, continued Afternoon – AgMIP Advances, Part 2: Regions

Time (EDT)	Session	Speaker(s)	AgMIP Coordinator
12:00- 12:10	Introduction and Moderators This session highlights AgMIP work in the regions. Presentations will feature work being advanced by numerous institutions world-wide utilizing - or creating - protocols developed by AgMIP collaborators with outputs intended to help stakeholders with decisions.	Anthony Whitbread, ICRISAT Carolyn Mutter, Columbia University	AgMIP Coord: Erik erik.mencos@columbia.edu
12:10- 13:00	Greater Asia and Australasia Panel Regional Integrated Assessment in South Asia for developing adaptation policies: A journey with AgMIP Cross-nation evaluation of adaptation options in East Asia: Opportunities and Challenges Advances in Australia: What's different and what's the same Discussion	Vellingiri Geethalakshmi, <i>Tamil Nadu Agricultural University</i> Toshi Hasegawa, <i>National Agriculture and Food Research Organization</i> Rebecca Darbyshire and Peter Thorburn, <i>CSIRO</i>	
13:00- 13:40	Africa and Europe Panel AgMIP research in Sub-Saharan Africa: Integrated Regional Assessments, Low-input Systems, CLARE, WASCAL and beyond	Dilys MacCarthy, <i>University of Ghana</i> Frank Ewert, <i>Leibniz Centre for Agricultural Landscape Research</i>	



Thursday, October 15, 2020, continued Afternoon – AgMIP Advances, Part 2: Regions					
Time (EDT)	Session	Speaker(s)	AgMIP Coordinator		
13:40- 14:20	The Americas Panel Latin America and the Caribbean: Slowly but Surely Approaches to Precision and Regenerative Agriculture in North America Discussion	Kelly Witkowski, Inter-American Institute for Cooperation on Agriculture Bruno Basso, Michigan State University	AgMIP Coord: Erik erik.mencos@columbia.edu		
14:20- 14:30	Session Wrap-up	Anthony Whitbread, <i>ICRISAT</i> Carolyn Mutter, <i>Columbia University</i>			
AgMIP8 Closing Session					
14:30- 15:00	AgMIP8 Closing Remarks	Jean-François Soussana, <i>INRAE</i>	AgMIP Coord: Erik erik.mencos@columbia.edu		
		Cynthia Rosenzweig, NASA GISS			
		John Antle, Oregon State University			
		Anthony Whitbread, ICRISAT			
		Senthold Asseng, University of Florida			
		Hermann Lotze-Campen, <i>PIK</i>			



Friday, October 16, 2020 Workshop - Modeling Mitigation and Adaptation Co-Benefits

AgMIP, in collaboration with the Integrative Research Group of the Global Research Alliance on Agricultural Greenhouse Gases (GRA), is conducting a series of activities to develop a modeling framework and protocols for determining co-benefits of mitigation and adaptation. The purpose of this workshop is to identify and evaluate options for assessing combined climate mitigation and adaptation co-benefits (MAC-B) in a range of agricultural systems that are country specific, while also being scalable and facilitating country-to-country transfers of knowledge for regional and global benefit.

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Time (EDT)	Session	Speaker(s)	AgMIP Coordinator
9:00- 9:10	Welcome and Goals of Workshop	Cynthia Rosenzweig, <i>NASA GISS</i> Sonali McDermid, <i>NYU</i> Roberto Valdivia, <i>Oregon State Univ</i>	AgMIP Coord: Erik erik.mencos@columbia.edu
9:10- 9:50	Introduction to MAC-B and Regional Contexts	Sonali McDermid (moderator), NYU V. Geethalakshmi, Tamil Nadu Agricultural University Mai Van Trinh, Institute for Agricultural Environment Francisco Meza, Pontificia Universidad Católica de Chile Sabine Homann-Kee Tui, ICRISAT	
9:50- 10:30	Models, Tools, and Data Panel	Petr Havlik (moderator), IIASA Keith Paustian, Colorado State University Tao Li, DNDC Applications, Research &Training Bruno Basso, Michigan State University Christoph Müller, PIK Pete Smith, University of Aberdeen	
10:30- 10:45	Global Context	Jean-François Soussana, INRAE	
10:45- 10:55	Charge to Breakouts	Jean-François Soussana, <i>INRAE</i> Sonali McDermid, <i>NYU</i>	



	Pilot Project Breakouts		
Time (EDT)	Session	Speaker(s) / Moderator(s) / Rapporteur(s)	AgMIP Coordinator
10:55- 11:35	South Asia	V. Geethalakshmi, <i>Tamil Nadu Agricultural University</i> Anthony Whitbread, <i>ICRISAT</i> Maria Dombrov (rapporteur), Columbia University	AgMIP Coord: Maria m.dombrov@columbia.edu
	Southeast Asia	Mai Van Trinh, Institute for Agricultural Environment Alex Ruane, NASA GISS TBD, rapporteur	AgMIP Coord: Malgosia mm1174@columbia.edu
	Latin America and the Caribbean	Francisco Meza, Pontificia Universidad Católica de Chile Kelly Witkowski, IICA Carolyn Mutter (rapporteur), Columbia University	AgMIP Coord: Carolyn czm2001@columbia.edu
	Africa	Sabine Homann-Kee Tui, <i>ICRISAT</i> Ibrahima Hathie, <i>IPAR</i> TBD, Rapporteur	AgMIP Coord: Cynthia
11:35- 11:50	Breakout Report Backs	Jean-François Soussana, <i>INRAE</i> Sonali McDermid, <i>NYU</i>	AgMIP Coord: Erik erik.mencos@columbia.edu
11:50- 12:00	Cross-Cutting Dimensions, Final Thoughts, and Way Forward	Cynthia Rosenzweig, <i>NASA GISS</i> Jean-François Soussana, <i>INRAE</i> Sonali McDermid, <i>NYU</i> Roberto Valdivia, <i>Oregon State University</i>	

