



Workshop Objectives

1. Improve Models and Integrated Assessments
2. Utilize New Tools to Address Food System Challenges
3. Enhance Inclusion, Equity, and Justice in Food System Modeling
4. Synergize Adaptation and Mitigation Along the Value Chain
5. Deepen Collaborations for the Future of Food, Land, and Health
6. Strengthen Science-Stakeholder-Policy Linkages for Future Systems

Monday, June 26th, 2023: Team Meetings

If you would like to attend a side-session, please contact the session Leader(s) for more information.

Time	Session	Leaders
09:00-12:00	Co-Creating Models with Stakeholders	Pauline Scheelbeek – pauline.scheelbeek@lshtm.ac.uk
	Vision for Adapted Crops and Soils	Kevin Karl – kevin.karl@columbia.edu
	AgMIP Ozone	Jose Guarin – jrg2230@columbia.edu Lisa Emberson – l.emberson@york.ac.uk
	AgMIP Soybean	Montse Salmeron – msalmeron@uky.edu Ken Boote – kjboote@ufl.edu
	AgMIP Wheat	Senthold Asseng – senthold.asseng@tum.de Pierre Martre – pierre.martre@inrae.fr
13:00-16:00	AgMIP Maize-ET	Bruce Kimball – bruce.kimball@usda.gov Kelly Thorp – kelly.thorp@ars.usda.gov
	AgMIP Low-Input Cropping Systems	Antoine Couédel – antoine.couedel@cirad.fr
	AgMIP Global Gridded Crop Model Intercomparison 1	Christoph Müller – cmueller@pik-potsdam.de Jonas Jaegermeyr – jonas.jaegermeyr@columbia.edu
	Anticipating Futures of Alternative Proteins	Matthew Hayek – matthew.hayek@nyu.edu
	AgMIP Residues	Sotirios Archontoulis – sarchont@iastate.edu Bruno Basso – basso@msu.edu
18:00-20:00	Steering Council Meeting	

Time	Session	Location
08:00-09:00	Arrival & Registration	Presidential Level (3 rd Floor)
09:00-11:00	<p>Welcome and Introductory Remarks AgMIP Executive Committee Morven McLean, <i>Gates AgOne</i> World Food Prize Foundation</p> <p>AgMIP9 Keynote: Jessica Fanzo, Columbia Climate School</p> <p>Plenary: Improving Models and Integrated Assessments Keynote: Cynthia Rosenzweig, <i>NASA GISS/Columbia Climate School</i></p> <p>Panel: Gerrit Hoogenboom, <i>University of Florida (Moderator)</i> Minpeng Chen, <i>Renmin University of China</i> Madina Diancoumba, <i>ZALF</i> Christoph Müller, <i>PIK</i> Marco Sanchez-Cantillo, <i>FAO</i></p>	
11:00-11:30	Coffee Break & Posters	Skyline (4 th Floor)
11:30-12:30	<p>Plenary: Utilizing New Tools to Address Food System Challenges</p> <p>Report Back from June 26th Team Meetings</p> <p>Keynote: Sibiry Traore, <i>ICRISAT</i></p> <p>Panel: Alex Ruane, <i>NASA GISS/Columbia Climate School (Moderator)</i> Ioannis Athanasiadis, <i>Wageningen University and Research</i> Medha Devare, <i>International Institute for Tropical Agriculture</i></p>	Presidential Level (3 rd Floor)
12:30-14:00	Lunch & Posters (Theme: Regions)	Skyline (4 th Floor)
	Steering Council Meeting	1754 Board Room (3 rd Floor)
14:00-15:30	<p>Paper Presentation Sessions <i>What are the latest research results and key findings for applications?</i> Presentation details</p>	
	PS1A: Improving crop models to capture extreme climate responses <i>Leaders: Gerrit Hoogenboom and Montse Salmeron</i>	Presidential Level (3 rd Floor)
	PS2A: Regional integrated assessments <i>Leaders: Laure Tall and Sabine Homann-Kee Tui</i>	Seminar 1 (2 nd Floor)

Time	Session	Location
14:00-15:30	Paper Presentation Sessions (cont.) <i>What are the latest research results and key findings for applications?</i> Presentation details	
	PS3: Global assessments of food systems, trade & diets in a changing world <i>Leaders: Dominique van der Mensbrugghe and Daniel Mason-D'Croz</i>	Seminar 3 & 4 (2 nd Floor)
	PS4: Modeling nutrition, food security and crop losses <i>Leaders: Lew Ziska and Jose Guarin</i>	Garden Room 1 (1 st Floor)
	PS5: Seasonal forecasting and food shocks <i>Leaders: Phil Alderman and Kaela Lucke</i>	Presidential 1 (3 rd Floor)
	PS6: Data assimilation and remote sensing <i>Leaders: Meijian Yang and Luke Monhollon</i>	Seminar 2 (2 nd Floor)
	PS7: Data and information technologies advances for Ag modeling <i>Leaders: Pierre Martre and Walter Baethgen</i>	Garden Room 2 (1 st Floor)
15:30-16:00	Coffee Break & Posters	Skyline (4 th Floor)
16:00-17:30	AgMIP Team Working Sessions <i>What are main AgMIP activities in this area?</i> <i>How can new participants get involved?</i> <i>What are plans and priorities for the next year?</i>	
	WS1: Crop model intercomparison and improvement <i>Leaders: Senthold Asseng and Jean-Louis Durand</i>	Presidential Level (3 rd Floor)
	WS2: Modeling the global food system <i>Leaders: Hermann Lotze-Campen and Ron Sands</i>	Seminar 3 & 4 (2 nd Floor)
	WS3: Regional integrated assessments for policy planning <i>Leaders: Roberto Valdivia, Dilys MacCarthy, and Geethalakshmi Vellingiri</i>	Garden Room 2 (1 st Floor)
	WS4: Seasonal forecasting and data assimilation <i>Leader: Phil Alderman</i>	Garden Room 1 (1 st Floor)
	WS5: Mitigation models and food system emissions <i>Leaders: Francesco Tubiello and Kevin Karl</i>	Seminar 1 (2 nd Floor)
	WS6: Linking models for diets and nutrition <i>Leaders: Pauline Scheelbeek and Tony Carr</i>	Seminar 2 (2 nd Floor)
18:00-20:00	Evening Reception Speakers: Jeff Shaman, Columbia Climate School Gavin Schmidt, NASA GISS Science and Art Exhibition by Kate Doyle	Skyline (4 th Floor)

Time	Session	Location
09:00-10:00	<p>Plenary: Enhancing Inclusion, Equity, and Justice in Food System Modeling</p> <p>Keynote: Kate MacKenzie, NYC Mayor's Office of Food Policy</p> <p>Panel: Laure Tall, <i>IPAR (Moderator)</i> Malgosia Madajewicz, <i>Columbia Climate School</i> Sithembile Mwamakamba, <i>FANRPAN</i> Carolina Saavedra, <i>Stone Barns Center for Food & Agriculture</i> Roberto Valdivia, <i>Oregon State University</i></p>	Presidential Level (3 rd Floor)
10:00-10:30	<p>Plenary: NASA Perspectives on Agriculture from Field to Space</p> <p>Keynote: Karen St. Germain, NASA Headquarters</p> <p>Report Back from Day 1 Working Sessions</p>	
10:30-11:00	Group Photo & Hats	
11:00-11:15	Coffee Break & Posters	Skyline (4 th Floor)
11:15-12:30	<p>Paper Presentation Sessions</p> <p><i>What are the latest research results and key findings for applications?</i></p> <p>Presentation details</p>	
	PS1B: Improving crop models to capture extreme climate responses <i>Leaders: Gerrit Hoogenboom and Montse Salmeron</i>	Presidential Level (3 rd Floor)
	PS8: Livestock, grasslands and multi-cropping <i>Leaders: Katrien Descheemaeker and Kevin Karl</i>	Seminar 2 (2 nd Floor)
	PS9: Crop model products in practical application <i>Leaders: Willingthon Pavan and Naresh Kumar</i>	Garden Room 2 (1 st Floor)
	PS10A: Projections of future crop productivity <i>Leaders: Florian Zabel and Julia Schneider</i>	Garden Room 1 (1 st Floor)
	PS11: Land and climate modeling <i>Leaders: Audrey Brouillet and Kaela Lucke</i>	Presidential 1 (3 rd Floor)
	PS12: Water resources <i>Leaders: Shichao Chen and Christopher Jung</i>	Seminar 3 & 4 (2 nd Floor)
	PS13A: Modeling mitigation and adaptation <i>Leaders: Roberto Valdivia and Sonali McDermid</i>	Seminar 1 (2 nd Floor)

Time	Session	Location
12:30-14:00	Lunch & Posters (Theme: Early-Career Researchers)	Skyline (4 th Floor)
14:00-15:30	<p>AgMIP Team Working Sessions</p> <p><i>What are main AgMIP activities in this area?</i> <i>How can new participants get involved?</i> <i>What are plans and priorities for the next year?</i></p>	
	WS7: Soils, water, and carbon <i>Leaders: Bruno Basso and Claudio Stockle</i>	Garden Room 1 (1 st Floor)
	WS8: Machine learning for agricultural models <i>Leaders: Ioannis Athanasiadis and Lily-Belle Sweet</i>	Seminar 2 (2 nd Floor)
	WS9: Pests, diseases, weeds and pollution losses <i>Leaders: Lisa Emberson, Jose Guarin, and Simone Bregaglio</i>	Garden Room 2 (1 st Floor)
	WS10: Priorities for AgMIP climate inputs and products <i>Leaders: Alex Ruane and Sonali McDermid</i>	Seminar 1 (2 nd Floor)
	WS11: Global and regional gridded modeling <i>Leaders: Jonas Jägermeyr and Christoph Müller</i>	Presidential Level (3 rd Floor)
	WS12: Finance for food systems solutions to climate change <i>Leaders: Philippe Benoit and Kevin Karl</i>	Seminar 3 & 4 (2 nd Floor)
15:30-16:00	Coffee Break & Posters	Skyline (4 th Floor)
16:00-17:30	<p>Plenary: Synergizing Adaptation and Mitigation Along the Value Chain</p> <p>Keynote: Veronica Doerr, <i>ACIAR</i> Keynote: Bruno Basso, <i>Michigan State University</i></p> <p>Panel: Hermann Lotze-Campen, <i>PIK (Moderator)</i> Apurbo Chaki, <i>BARI</i> Mariana Rufino, <i>Technical University Munich</i> Francesco Tubiello, <i>FAO</i></p>	
		Presidential Level (3 rd Floor)

Time	Session	Location
08:00-09:00	Steering Council Meeting	Garden Room 1 (1 st Floor)
09:00-10:30	<p>Plenary: Deepening Collaborations for the Future of Food, Land, and Health</p> <p>Report Back from Day 2 Working Sessions</p> <p>Keynote: Mario Herrero, <i>Cornell University</i></p> <p>Panel: Anthony Whitbread, <i>ILRI (Moderator)</i> Ruth DeFries, <i>Columbia Climate School</i> Matthew Hayek, <i>New York University</i> Marco Springmann, <i>University of Oxford</i> Jess Fanzo, <i>Columbia Climate School</i></p>	Presidential Level (3 rd Floor)
10:30-11:00	Coffee Break & Posters	Skyline (4 th Floor)
11:00-12:30	<p>Paper Presentation Sessions</p> <p><i>What are the latest research results and key findings for applications?</i></p> <p>Presentation details</p>	
	PS2B: Regional integrated assessments <i>Leaders: Sabine Homann-Kee Tui and Laure Tall</i>	Presidential Level (3 rd Floor)
	PS10B: Projections of future crop productivity <i>Leaders: Florian Zabel and Julia Schneider</i>	Seminar 1 (2 nd Floor)
	PS13B: Modeling mitigation and adaptation <i>Leaders: Roberto Valdivia and Sonali McDermid</i>	Garden Room 2 (1 st Floor)
	PS14: Machine learning for agricultural applications <i>Leaders: Ron Van Bree and Andres Castellano</i>	Garden Room 1 (1 st Floor)
	PS15: Modeling soils and carbon <i>Leaders: Erik Mencos and Apurbo Chaki</i>	Presidential 1 (3 rd Floor)
	PS16: New crop species models <i>Leaders: Louise Busschaert and Jose Guarin</i>	Seminar 3 & 4 (2 nd Floor)
	PS17: Calibration and crop model improvement <i>Leaders: Daniel Wallach and Phil Alderman</i>	Seminar 2 (2 nd Floor)
12:30-14:00	Lunch & Posters (Theme: Women in AgMIP)	Skyline (4 th Floor)

Time	Session	Location
14:00-15:30	<p>Radical Collaboration Sessions</p> <p><i>What challenges need new partnerships in this area?</i></p> <p><i>How can we overcome barriers to progress?</i></p> <p><i>What new AgMIP activities are needed to enable progress?</i></p>	
	<p>RCS1: Use of new remote sensing resources & machine learning across AgMIP</p> <p><i>Leaders: Alex Ruane and Amy McNally</i></p>	Garden Room 1 (1 st Floor)
	<p>RCS2: Modeling food shocks at local, national, and global scales</p> <p><i>Leaders: Jonas Jägermeyr and Kyle Poorman</i></p>	Seminar 1 (2 nd Floor)
	<p>RCS3: Supporting global and national policy processes</p> <p><i>Leaders: Bruno Basso and Terry Nipp</i></p>	Garden Room 2 (1 st Floor)
	<p>RCS4: Modeling mixed crop-livestock systems</p> <p><i>Leaders: Greg Kiker and Walter Baethgen</i></p>	Presidential Level (3 rd Floor)
	<p>RCS5: Cross-scale interactions between agriculture and biodiversity</p> <p><i>Leaders: Sieg Snapp and Matthew Hayek</i></p>	Seminar 2 (2 nd Floor)
15:30-16:00	Coffee Break & Posters	Skyline (4 th Floor)
16:00-18:00	<p><i>Plenary: Strengthening Science-Stakeholder-Policy Linkages for Future Systems</i></p> <p><i>Report Back from Radical Collaboration Sessions</i></p> <p><i>Keynote:</i> Cary Fowler, U.S. Department of State</p> <p><i>Keynote:</i> Bill Hohenstein, U.S. Department of Agriculture</p> <p><i>Panel:</i></p> <p>Barbara Stinson, BLS LLC (Moderator)</p> <p>Lance Lillibridge, Iowa Corn Growers</p> <p>Hayden Montgomery, Global Methane Hub</p> <p>Pauline Scheelbeek, London School of Hygiene & Tropical Medicine</p> <p>Allison Thompson, Foundation for Food & Agriculture Research</p> <p><i>Closing Remarks and Way Forward:</i></p> <p>Morven McLean, AgMIP Steering Council Co-Chair AgMIP Coordination Unit and Executive Committee</p>	Presidential Level (3 rd Floor)

Friday, June 30th, 2023: Team Meetings

— 8 —

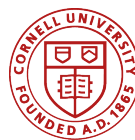
If you would like to attend a side-session, please contact the session Leader(s) for more information.

Time	Session	Leaders
09:00-12:00	AgMIP C+GHG-MIP	Terry Nipp – tnipp.aegis@gmail.com Bruno Basso – basso@msu.edu
	Food System Emissions	Francesco Tubiello – francesco.tubiello@fao.org Kevin Karl – kevin.karl@columbia.edu
	Detection & Attribution in Low-Input Systems	Audrey Brouillet – audrey.brouillet@ird.fr Benjamin Sultan – benjamin.sultan@ird.fr
	AgMIP Global Gridded Crop Model Intercomparison 2	Christoph Müller – cmueller@pik-potsdam.de Jonas Jaegermeyr – jonas.jaegermeyr@columbia.edu
	Global Economics	Hermann Lotze-Campen – lotze-campen@pik-potsdam.de Dominique van der Mensbrugghe – vandermd@purdue.edu
	Calibration	Daniel Wallach – dwallach@uni-bonn.de Taru Palosou – Taru.Palosuo@Luke.Fi

The AgMIP9 workshop agenda is subject to change.



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