

April 23, 2018 Monday Morning 9 am – 1 pm

NAME	DESCRIPTION	SESSION INFORMATION
Global Gridded Crop Model Intercomparison	The AgMIP GRIDded crop modeling initiative (AgGRID) will meet to discuss various ongoing projects such as the Global Gridded Crop Model Intercomparison (GGCMI) phase 1 and 2, regional projects, the nuclear winter project and future plans (phase 3 with ISIMIP)	Contact: Christoph Müller: cmueller@pik-potsdam.de Joshua Elliott: joshuaelliott@uchicago.edu Participants: GGCMI members to continue underway work sessions. Others by permission of Co-Leads only. Size: 15-20 persons
Modeling Latin American – bridging the gaps between supply and demand of information for decision making Modelaje en América Latina: cerrando las brechas entre la generación y la demanda de información para la toma de decisiones	<p>This session will help contextualize the current use and demand of modelling outputs to inform the planning processes in the region. The session will provide information on the extent of the use of modelling tools, modelling capacities and research priorities for the region, based on previous experiences. In addition, the session will focus on assessing the types of modelling outputs that are required to support existing or upcoming planning processes in Latin America.</p> <p>Esta sesión se enfocara en contextualizar el estado actual del uso y la demanda de resultados de estudios de modelaje para informar los procesos de planificación en la región. La sesión proveerá información sobre el nivel de utilización de herramientas de modelaje, capacidades actuales y prioridades de investigación para la región, basado en experiencias previas. Adicionalmente, la sesión se enfocará en evaluar qué tipos de resultados de modelaje se requieren para apoyar procesos actuales o futuros de planificación en América Latina.</p>	Contact: Daniela Medina: daniela.medina@iica.int Kelly Witkoski: kelly.witkowski@iica.int Participants: Open to people with previous experience in modelling and or adaptation planning in the agricultural sector of any country in Latin America. Size: 20-25 persons <u>supporting document</u> Contact: Daniela Medina: daniela.medina@iica.int Kelly Witkowski: kelly.witkowski@iica.int Participants: Abierto a personas con experiencias y conocimientos en herramientas de modelaje y o planificación para la adaptación en el sector agropecuario en cualquier país de América Latina Size: 20-25 personas <u>supporting document</u>
The AgMIP calibration activity	<p>The purpose of the AgMIP calibration activity is to compare and evaluate calibration approaches for crop models, in view to providing guidelines. In phase 2, underway, all participants will calibrate their model using the same phenology data. The session will discuss progress to date and plan for the future.</p> <p>The session is open to all interested persons. Even if you have not signed up for phase 2, but are interested in the problem of crop model calibration, you are cordially invited to attend and take part in discussions (and possibly decide to participate in the activity).</p>	Contact: Daniel Wallach: Daniel.wallach@inra.fr Taru Palosuo taru.palosuo@luke.fi Sabine Seidel sabine.seidel@uni-bonn.de Peter Thorburn Peter.Thorburn@csiro.au Participants: Open Size: 10-15 persons <u>Supporting document</u>

April 23, 2018 Monday Morning 9am – 1pm, continued

NAME	DESCRIPTION	SESSION INFORMATION
AgMIP-ET-Maize and CTW Session	<p>The Maize team has intercompared 29 Maize models in their ability to predict 8-yr of maize ET data from Ames, Iowa. The models show huge variation in their ability to simulate ET. In this session, to be conducted with available members of the CTW team, we will analyze results, identify most successful approaches, and establish priorities for the next phase of research.</p>	<p>Contact: Bruce Kimball: Bruce.Kimball@ARS.USDA.GOV Ken Boote: kjboote@ufl.edu</p> <p>Participants: this session is intended for the Maize Team and the CO₂, Temp, and Water (CTW) Team. Others may participate with permission of the Co-Leads only.</p> <p>Size: 10 persons</p>

April 23, 2018 Monday Afternoon 2 pm – 6 pm

Anticipating Global and Regional Agricultural Risk	<p>While drought affects many sectors, the agricultural sector and larger food system form a fundamental basis of a drought risk framework that links across sectors, scales, disciplines, and populations.</p> <p>In this session we will consider multi-model frameworks for assessing drought risk that could impact local farms, international markets, and water resources. The intent is to agricultural sector losses and food insecurity throughout society.</p>	<p>Contact: Alex Ruane: alexander.c.ruane@nasa.gov</p> <p>Participants: global gridded model experts and others</p> <p>Size: 10-20 persons</p>
Better Modeling and Planning – how Researchers and Stakeholders work together for improved understanding and outcomes	<p>How can researchers support policy decision making, setting priorities for research and development, actionable strategies towards farming futures facing complexity and uncertainty? We will share experiences from working with stakeholders to co-design agricultural pathways and identify adaptation strategies tested using integrated assessments. Pathways and scenarios are powerful tools for estimating impacts of climate change on vulnerable farm populations and address key challenges in agriculture. Co-designing improved management, mitigation and adaptation options contributes to national and regional decision processes, aligned with Sustainable Development Goals. This session will facilitate dialogue between researchers and stakeholders for improving impacts of agricultural research and decision making.</p>	<p>Contact: Roberto Valdivia: Roberto.valdivia@oregonstate.edu Sabine Homann-Kee Tui: s.homann@cgiar.org</p> <p>Participants: The session is open: We invite researchers and stakeholders to share their experience, expectations and requirements for modelling in the agricultural sector contributing to national decision and planning processes.</p> <p>Size: 10-20 persons</p> <p>Supporting Document 1</p> <p>Supporting Document 2</p>
AgMIP-Wheat	<p>The AgMIP-Wheat team will discuss recent progress, the new phase on extreme high yielding crops, possible new side activities and next steps.</p>	<p>Contact: Senthold Asseng: sasseng@ufl.edu and Pierre Martre: pierre.martre@inra.fr</p> <p>Participants: This session is for AgMIP-Wheat members only, with others attending by permission of Co-Leaders only (est. 20 persons)</p>

April 23, 2018 Monday Afternoon 2 pm – 6 pm, continued

<p>Crop Modeling of Low-Input Smallholder Systems</p>	<p>In this session, we discuss and outline the intercomparison of crop models (as many as possible) for three datasets from three experiments (three locations) in Sub-Saharan Africa. The crop is maize. We will present the datasets and define the model parameterization and model runs with the different levels of input information for the three experiments. A list of crop models will be identified, and the climate change scenarios for the final model simulations will be discussed and defined.</p>	<p>Contact: Marc Corbeels: corbeels@cirad.fr Bruno Basso: basso@msu.edu</p> <p>Participants: This session is open to persons interested in applying crop model to datasets from sub Saharan Africa.</p> <p>Size: 10-20 persons</p>
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April 27, 2018 Friday Morning 9 am – 1 pm

NAME	DESCRIPTION	SESSION INFORMATION
<p>Latin America Modeling and Assessment Activities</p>	<p>This session will involve participants from any country of Central or South America with aspirations to establish AgMIP Integrated Assessments in your region. We will review the requirements of integrated assessment research, and discuss various initiatives and opportunities, including EuroClima+ and others.</p>	<p>Contact: Daniela Medina: daniela.medina@iica.int Kelly Witkowski: kelly.witkowski@iica.int</p> <p>Participants: open</p> <p>Size: 20 persons</p>

April 27, 2018 Friday Session 9 am – 3 pm

<p>Joint Session, Executive Committee and Research and Region Leaders Forum</p>	<p>This session pertains to the underway, joint development of an AgMIP 5-year Strategic Plan. The Plan will be informed by accomplishments across AgMIP Activities and Research Themes. It will also be motivated by recognized challenges or deficiencies that must be collectively addressed in the agricultural systems modeling community to bring modeling to a higher plateau of capability and use. In addition to accelerating the capabilities of model systems to simulate future outcomes for research purposes, AgMIP is also committed to establishing the best possible information on current and likely future agricultural systems with consideration of societal goals, planning and decisions.</p>	<p>Contact: Alex Ruane: alexander.c.ruane@nasa.gov Carolyn Mutter: czm2001@columbia.edu</p> <p>Participants: Current Activity Leaders, Executive Committee and Steering Committee Members, Steering Committee Co-Chairs.</p> <p>Others by permission only, as space allows.</p> <p>Size: 25-30 persons</p>
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