

AgMIP6

Seeking Sustainable
Agricultural Solutions

GLOBAL WORKSHOP

JUNE 28-30, 2016 • MONTPELLIER, FRANCE



WORKSHOP GOALS AND ACTIVITIES

1. Convene the agricultural systems modeling community and share latest findings, activities, and focus areas.
2. Advance three major focus areas – Next Generation Knowledge, Data and Tools; Coordinated Global and Regional Assessments; and Modeling for Sustainable Farming Systems.
3. Plan AgMIP activities and outputs for the years ahead.

BACKGROUND

The combination of a warming Earth and an increasing population is expected to strain the world's food systems in the coming decades. Food security, defined as the availability and adequate access at all times to sufficient, safe, and nutritious food to maintain a healthy and active life, now and going forward, is at risk in many places in the world. Farmers and others in the agricultural and food sectors are faced with the quadruple task of contributing to global reductions of carbon dioxide and other greenhouse gas emissions, coping with an already-changing climate, delivering healthy and nutritious food, and sustainably managing soil and water resources. Agriculture is being called upon to ensure both human and planetary health.

The 6th Global Workshop of the Agricultural Model Inter-comparison and Improvement Project (AgMIP) will be held at Le Corum, Montpellier, France, June 28-30, 2016. AgMIP was founded in 2010 with the goal of continuing to build a worldwide community of agricultural modelers and stakeholders committed to improving the state of agricultural assessments for the years ahead. AgMIP Global workshops bring together this international community of scientists developing the next generation of integrated model systems that can inform decisions including the implementation of sustainable agricultural systems and assessments of food security in a changing world.

SCOPE

AgMIP6, *Seeking Sustainable Agricultural Solutions*, will be organized around 3 guiding themes:

Next Generation Knowledge, Data, and Tools – share new data, models, and advanced knowledge tools to ascertain sustainable production for the present and future.

Coordinated Global and Regional Assessments – linkages between international climate, markets, food policy and regional adaptation planning, including nutritional quality in crop production.

Modeling for Sustainable Farming Systems – develop protocol-based research to study linked climate, crop and economic models with emerging technology and adaptations of interest to stakeholders to anticipate climate smart investments.

SESSION TOPICS

- 1.1 Seasonal Forecasts and Climate Extremes
- 1.2 Crop Model Intercomparison
- 1.3 Developing Adaptation Strategies
- 1.4 Climate Change Assessments
- 1.5 Stakeholders and Decision Support
- 1.6 Remote Sensing, Land-use, and Scaling
- 1.7 Wheat Model Intercomparison
- 1.8 Livestock and Grasslands
- 2.1 Scenarios and RAPs
- 2.2 Nutrition and Food Security
- 2.3 Climate Change Yield Impacts
- 2.4 Soils and Crop Damage
- 2.5 Crop Model Improvement and Genetics Applications
- 2.6 Global Economics and Integrated Assessments
- 2.7 Regional Integrated Assessments
- 2.8 Information Technologies and Data

WORKSHOP PROGRAM OVERVIEW

Monday June 27	All-Day: Pre-workshop side events and meetings contact info@agmip.org
Tuesday June 28	
Welcome Plenary	Welcome from Partners and AgMIP Steering Council Co-Chairs
Morning Plenary	Keynote and Panel Discussion – Coordinated Global and Regional Assessments (CGRA)
Lunch	<i>Buffet Lunch - self organized groups</i>
Parallel Sessions 1.1 – 1.4	Four concurrent sessions organized by topic area based on abstract submissions. Each Session will feature 15 min oral presentations.
Parallel Sessions 1.5 – 1.8	Four concurrent sessions organized by topic area based on abstract submissions. Each Session will feature 15 min oral presentations.
Afternoon Plenary	Presentations and Panel Discussion – Co-Developed Research with Stakeholders
Reception 6:00 – 8:00	Poster Session and Evening Reception
Wednesday June 29	
Morning Plenary 1	Keynote and Panel Discussion – Modeling for Sustainable Farming Systems
Morning Plenary 2	Keynote and Panel Discussion – Next-generation Tools and Open Data
Parallel Sessions 2.1 – 2.4	Four concurrent sessions organized by topic area based on abstract submissions. Each Session will feature 15 min oral presentations.
Lunch	<i>Buffet Lunch - self organized groups</i>
Parallel Session 2.5 – 2.8	Four concurrent sessions organized by topic area based on abstract submissions. Each Session will feature 15 min oral presentations.
Afternoon Plenary	Panel Discussion: Toward multi-national collaborative frameworks to enable coordinated global and regional assessments
Poster Session	Poster viewing with beverage refreshment
Thursday June 30	
Morning Plenary	Observations and Recommendations in Planning – perspectives from AgMIP Steering Council Co-Chairs, panel discussion and responses AgMIP PIs
Regional Breakouts	Regional Breakout Groups
Lunch	<i>Buffet Lunch - self organized groups</i>
Team Breakouts	Working Team Breakouts and Planning Groups
Afternoon Plenary	Report Backs, Synthesis and Wrap-up
Friday July 1	All-Day: Post-workshop side events and meetings contact info@agmip.org

WORKSHOP SPONSORS



THE EARTH INSTITUTE
COLUMBIA UNIVERSITY



UKaid
from the British people

UF IFAS
UNIVERSITY OF FLORIDA



WORKSHOP PARTNERS



AGROPOLIS
INTERNATIONAL

