Poster Presentations

Virtual poster presentations will be posted on the AgMIP10 website.

Lead Author	Abstract
Hamza Briak	Assessing Wheat Adaptability in Semi-Arid Morocco Using the APSIM Model: Implications for Climate-Smart Agriculture
John Porter	Modelling from ideotypes to ideosystems
Shuaiqi Wu	A Gridded Version of AquaCrop Calibrated by Bayesian Inference and Machine Learning for Maize across the US.
Abir Dey *(Virtual)*	Carbon dioxide removal and soil reclamation using principles of enhanced rock weathering in an acidic Indian soil
Abir Dey *(Virtual)*	Use of Seaweed extract-based biostimulants for enhancing nutrient use efficiency and grain quality in an Indian acid soil
Ruth Sitienei	Advancing the Denitrification and Decomposition Model for Simulating Carbon Decomposition and Carbon dioxide Emissions from Biosolids and Manure Amended Cropland
Gabriel Mulero	WheatDryFACE Project: Multi-aspect response of wheat genotypes to future climatic-environmental conditions (elevated CO2 and drought).
Monique Oliveira	A role for regression trees in the calibration of a new process-based crop model
Siyabusa Mkuhlani	AgWise: A Modular Framework for Agronomic Recommendations Using Big Data Analytics and Advanced Modeling to Support Smallholder Farmers in SSA
Yaron Michael	Heatwave Effects on Maize–Soybean Cropping Systems Under Future Conditions: A Functionality-Based Crop Model Evaluation
Ward Smith	Yield projections and expansion opportunities under future climate change for seven major crops grown in Canada using a model ensemble

Yean-Uk Kim	Groundwater influences should be considered in crop risk assessments
Mokhele Moeletsi	Trends of nitrous oxide emissions from applications of nitrogen fertiliser in South Africa
Paresh Bhaskar Shirsath	High-Resolution Gridded Datasets for Spatial Crop Simulations in South Asia: Integrating Local and Global Data Sources
Mary Ollenburger	Connecting process-based models with the Food System Supply-chain Sustainability Model (FoodS3) to address water use in the food system
Rogerio de S Noia Junior	Drought events analogues in European wheat production systems
Montse Salmeron	Evaluation of soybean multi-model responses to elevated CO2 with experimental data
Montse Salmeron	Multi-site evaluation of soil temperature routines with DSSAT-CROPGRO-Soybean
Pilar Espitia (Virtual)	Agronomic strategies to mitigate the yellow berry character in durum wheat in the face of input and water scarcity
Xuhui Wang	Air temperature thresholds of extreme heat exposure for maize and soybean in Northern Hemisphere breadbaskets
Liangliang Zhang	Inventory of methane and nitrous oxide emissions from freshwater aquaculture in China
Jyoti Singh	Improving the Representation of Water Logging in DSSAT for Extreme Climate Scenarios
Powell Mponela	MASSAI: Multi-agent system for simulating sustainable agricultural intensification of smallholder farms in Africa
Salar Mahmood	Global attainable maize yield shifts under climate change and varying fertilisation strategies