Food System Impacts of Pests and Pathogens in a Changing Climate

Introductory Remarks
John Katzenberger & Emily Jack-Scott

18-23 Aug 2019
Aspen, Colorado
Mission

To further the understanding of Earth systems and global environmental change in service of society.
30 Years of Workshop Themes

Solar

Climate

Atmospheric Chemistry

Ocean

Snow & Ice

Human Interactions

Solid Earth

Freshwater

Aquatic Ecosystems

Terrestrial Ecosystems
Climate Change

- Systems
- Health
- Global
- Impacts
- Human
- Food
- Earth
- Policy
- Change
- Adaptation
- Management
- Extremes
- Energy
- Weather
- Resilience
- Natural
- Public
- Prediction
- Biodiversity
- Consequences
- Biogeochimical
- Agriculture
- Sensing
- Dialogue
- Decadal
- Regional
- Time scales
- Forest
- Industrial
- High
- Atlantic
- Economic
- Integrated
- Coupled
- Cities
- Levels
- Group
- Crosscutting
- Variability
- Concept
- Impact
- Weather
- Mechanisms
- Biogeochemical
- Agricultural
- Solar Terrestrial
- Future
- Agriculture
- Energy
- Agriculture
Place-based research in support of local resource managers and governments
Agriculture and Global Change Related Thread

Food, Conservation and Environmental Change: Is Compromise Possible?
August 16, 1992 to August 29, 1992

The Metro-Agro-Plex as a Geographical Unit of Analysis for Regional and Global Environmental Change
August 20, 1995 to September 02, 1995

Ecological and Agricultural Consequences of Climatic Extremes and Variability
August 13, 1999 to August 22, 1999

Managing the Cycles of Nitrogen and Phosphorus: Mitigation and Adaptation
October 22, 2008 to October 25, 2008

AgMIP Workshop on Coordinated Global and Regional Integrated Assessments of Climate Change and Food Security
September 13, 2015 to September 18, 2015

Innovating Global Fruit and Vegetable Food Systems to Help Bring Sustainable Nutrition Security
July 30, 2018 to August 03, 2018

Next-Generation Food Shock Modeling
May 19, 2019 to May 24, 2019
Recent workshop related publications


• Boer, George J. , Gerald A. Meehl, and Doug M. Smith (2015), Toward Improving Decadal Climate Predictions. *Eos* meeting report.
2019 Workshops

The Future of Past Climate
5-10 May 2019

Next-Generation Food Shock Modeling
19-24 May 2019

Food System Impacts of Pests and Pathogens in a Changing Climate
18-23 August 2019

Impacts of Land Use and Land Management on Earth System Evolution, Biogeochemical Cycles, Extremes and Inter-Sectoral Dynamics
16-20 September 2019

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AGCI Guide to Conduct

1. Share our time & space together. Actively listen, contribute, and learn.
2. Find ways to support the work & ideas of others.
3. Respect differences.
5. Advocate for help when needed:
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HOW MUCH I KNOW

EXPERTISE
Motivating Challenge

Seek solutions that
stay within planetary boundaries
AND
raise the social foundation.
AGCI Logistics

- Media Waiver
- Reimbursement
- Evaluation

- BEARS!

- Group email: agcipests2019@agci.org
- Wifi password:
- Hydration...
- Bathroom
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