Next-Generation Food Shock Modeling

Introductory Remarks
John Katzenberger & Emily Jack-Scott

19-24 May 2019
Aspen, Colorado
Mission

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

- **Workshops**
- **Research & Consulting**
- **Education & Public Outreach**
- **Sponsored Programs**
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
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 (pending)
Recent Funding

+ Other private foundations & contributors
Workshop Funding

And the institutions that have supported the travel costs of some participants – thank you!
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:
   Emily Jack-Scott, ejs@agci.org, 267-242-0797

AGCI adheres to the same guidelines of expected and unacceptable behavior, including sexual harassment, other forms of harassment, and sexual assault, as the American Geophysical Union:

https://harassment.agu.org/homepage/types-of-harassment/

If at any time before, during, or after workshop activities, you become aware of unacceptable behavior against yourself or others, please advocate immediately for help.
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: AGClfoodshocks2019@agci.org
- Wifi password: password
- Hydration...
- Bathroom
Next-Generation Food Shocks Modeling

@aspenglobal  #AGCIfoodschocks