Concurrent Sessions — Tuesday, 1:00 PM - 2:30 PM

2026 05 Inducing Agricultural Conservation to Reduce Eutrophication and Hypoxia
Salon 1, Lower B2 Level

Organized Symposium
Challenged by large problems but limited budgets, policy makers need to prioritize funds spent on agricultural nutrient abatement to achieve greatest impact. The research advances reported in this session progress through 1) deriving society’s demand for avoiding ecological damage (how much to spend), 2) targeting spatial interventions in a watershed (where to spend), 3) comparing agro-environmental policies to target effectively (how to spend), and 4) inducing farmers to participate in performance-oriented conservation programs (who to spend on).

Organizer: Scott Swinton, Michigan State University
Moderator: Scott Swinton, Michigan State University
Discussant: Elena Irwin, The Ohio State University
Panelists: Catherine Kling, Iowa State University; Frank Lupi, Michigan State University; Leah Palm-Forster, Michigan State University; Wendong Zhang, The Ohio State University

2027 06 Electricity Supply and Demand
Salon 2, Lower B2 Level

Organized Symposium – AERE
Papers in this session explore key factors affecting the environmental impacts of electricity production and consumption. The session will be particularly focused on how policy interventions – such as efficiency standards and renewable portfolio standards- have affected energy market outcomes.

Organizer: Meredith Fowlie, University of California, Berkeley

Emissions Reductions or Green Booms? The General Equilibrium Effects of a Renewable Portfolio Standard
Teevrat Garg, Cornell University; Antonio Miguel Bento, Cornell University; Daniel Kaffine, University of Colorado Boulder

Wind Turbine Shutdowns and Upgrades in Denmark: Timing Decisions and the Impact of Government Policy
C.-Y. Cynthia Lin, University of California, Davis; Jonathan Cook, Nexant

The Effect of Water Supply Shocks on the Electricity Generation Mix: Implications for Climate Change
Casey Wichman, University of Maryland, College Park; Jonathan Eyer, North Carolina State University

Can Energy Efficiency Standards Reduce Prices and Improve Quality? Evidence from the US Clothes Washer Market
Arlan Brucal, University of Hawaii at Manoa; Michael Roberts, University of Hawaii at Manoa

Salon 3, Lower B2 Level

Organized Symposium – AARES
This is a continued session from Session 2003. Please see Session 2003 for a description.

Organizers: Richard Howitt, University of California, Davis; Duncan MacEwan, ERA Economics

Measuring the Economic Impacts of Drought on Urban Water Systems
David Sunding, University of California, Berkeley

The Political Economy of Drought Policy: Lessons from Australia’s Millennium Drought
Lin Crase, La Trobe University

Policy Priorities for Managing Drought
Ellen Hanak, Public Policy Institute of California
Concurrent Sessions — Tuesday, 1:00 PM - 2:30 PM

2029 Preferences, Demand, and Government Policy
Salon 4, Lower B2 Level

Selected Presentation – Lightning Session
This session examines the impacts of government policies (such as import ban and tariff removal), consumers’ preference (e.g., health consciousness) and producers’ preference (e.g., valuation of variety tolerance and index insurance) on food demand.

Moderator: Vincent Amanor-Boadu, Kansas State University

Willingness to Pay for Rainfall Index Insurance Backed Loans and Basis Risk in Northern Ghana
Richard Gallenstein, The Ohio State University; Khushbu Mishra, The Ohio State University; Mario Miranda, The Ohio State University; Abdoul Sam, The Ohio State University

Trade Diversion and High Food Prices - The Impact of the Russian Pig Meat Import Ban
Ivan Djuric, Leibniz Institute of Agricultural Development in Transition Economies; Linde Goetz, Leibniz-Institute for Agricultural Development in Middle and Eastern Europe; Thomas Glauben, Leibniz Institute of Agricultural Development in Transition Economies

Effects of Food Safety and Health Risk Information on Demand for Food in Taiwan
Kang Ernest Liu, National Chung Cheng University; Wen Chern, National Chung Cheng University; Shu-Ling Chen, National Taipei University

Food Preference Segmentation Using an AIDS/Mixtures Approach: An Application to the UK Population
Matthieu Arnould, University of Reading; Ariane Kehlbacher, University of Reading; Chittur Srinivasan, University of Reading; Rachel McCloy, University of Reading; Richard Tiffin, University of Reading

Do Farmers Value Rice Varieties Tolerant to Droughts and Floods? Evidence from a Discrete Choice Experiment in Odisha, India
Anchal Arora, Jawaharlal Nehru University; Sangeeta Bansal, Jawaharlal Nehru University; Patrick Ward, International Food Policy Research Institute

Food Price Crisis in Indonesia: Alert from the Key Markets
Irfan Mujahid, University of Bonn; Matthias Kalkuhl, University of Bonn

NAFTA at 20: Structural Change in Mexican’s Demand for US Meat Products
Frank Nti, Kansas State University

‘Eat More Chikin’ - Structural Change Via Threshold Effects: The Effects of Female Labor on US Meat Demand
Nestor Rodriguez, USDA-Economic Research Service; James Eales, II, Purdue University

2030 Production and Risk Management
Salon 5, Lower B2 Level

Selected Presentation
Production decisions made on the farm can have profound impacts on risk levels. Papers in this session examine how decisions in beef cattle, potato, and fruit tree production impacts on farm risk.

Moderator: Roger Wilson, University of Nebraska

Switchgrass as an Income Stabilizing Crop for Cow-Calf Producers Impacted by Drought
Jennifer Lutes, University of Arkansas; Michael Popp, University of Arkansas

Economic Analysis of Alternative Grazing Systems, including Mob Grazing, in Nebraska and South Dakota
Larry Janssen, South Dakota State University; Bronc McMurtry, South Dakota State University; Matthew Stockton, University of Nebraska-Lincoln

Risk Management Strategies using Potato Precision Farming Technology
Yangxuan Liu, Purdue University; Michael Langemeier, Purdue University; Ian Small, Cornell University; Laura Joseph, Cornell University; William Fry, Cornell University

Do Farmers Really Plant Apples for Their Income and Cherries for Their Retirement? The Effects of Risk, Scope and Scale on Orchard Land Allocation
Xin Zhao, Washington State University; Michael Brady, Washington State University; Peter Tozer, Washington State University
2031 SP Advances in Environmental and Hedonic Valuation II  

Selected Presentation  
This session brings together four papers that are very different in their focus and approach but share the common feature of exploring an advance in methods. Two papers address problems with the hedonic price model - one by exploring a potential source of the omitted variable bias, the option value of farmland, to arrive at a better estimate of the impact of climate change on farmland; and the other by validating the impact of water quality as measured by the impact of perceptions of water quality. One paper combines contingent valuation data with contingent behaviour data to estimate the recreational and use value of different shoreline management measures. The final paper provides an alternative to the simple distance decay model of spatial heterogeneity in willingness to pay for an environmental resource.

Moderator: Nicolas Quintana Ashwell, Kansas State University

Economic Values of Coastal Erosion Management
Craig Landry, University of Georgia; John Whitehead, Appalachian State University

Climate Change Impacts on US Agriculture: Accounting for the Option Value of Farmland in the Hedonic Approach
Ariel Ortiz-Bobea, Cornell University

Validating Spatial Hedonic Modeling with a Behavioral Approach: Measuring the Impact of Water Quality Degradation on Coastal Housing Markets
Mahesh Ramachandran, Cape Cod Commission

Capturing More Relevant Measures of Spatial Heterogeneity in Stated Preference Willingness-to-Pay: Using an Iterative Grid Search Algorithm to Quantify Proximate Environmental Impacts
Benedict Holland, Clark University; Robert Johnston, Clark University

2032 SP Demand Analysis for Product Attributes and Supply Chains  

Selected Presentation  
This session includes papers about retail milk prices, dairy alternative beverage marketing, marketing costs and supply chains, and marketing canned tuna with value-added attributes.

Moderator: Zoe Plakias, University of California, Davis

Energy Price Transmission and Retail Milk Prices
Xun Li, Wuhan University; Rigoberto Lopez, University of Connecticut

Consumer Demand for Dairy Alternative Beverages in the United States and its Implications to US Dairy Industry
Senarath Dharmasena, Texas A&M University; Alicia Copeland, Texas A&M University

Impacts of Marketing Costs on Supply Chains in Tanzania
Mark Musumba, Columbia University; Rafael Costa, AgriLogic

What’s in the Can? Analyzing Willingness-to-Pay for Canned Tuna with Value-Added Attributes
Kar Ho Lim, Korea University; Wuyang Hu, University of Kentucky; Carola Grebitus, Arizona State University; Rodolfo Nayga, University of Arkansas
Concurrent Sessions — Tuesday, 1:00 PM - 2:30 PM

2033 SP Marketing Issues with Meat, Livestock and Grain
Nob Hill B, Lower B2 Level

Selected Presentation
This session will center attention on marketing aspects of meat, livestock and grain. Specifically, papers will discuss beef value chain in Zambia, sources of grader bias in beef grading, organizations and member performance in hog production, and price and volatility transmission in livestock and grain markets.

Moderator: Daniel O’Brien, Kansas State University

Cost Incurred and Margins Secured across the Value Chain for Beef in the Southern Province of Zambia
Taiwo Mafimisebi, The Federal University of Technology; Benny Katewa, Mulungushi University; Olusegun Yerokun, Mulungushi University; Edward Syampaku, Mulungushi University

Searching for the Possible Sources of Grader Bias in Beef Grading: A Non-parametric Approach
Ju Won Jang, Texas A&M University; Ariun Ishdorj, Texas A&M University; David Anderson, Texas A&M University

Producer Organizations and Members Performance in Hog Production
Sabine Duvaleix-Treguer, Agrocampus Ouest; Carl Gaigné, INRA UMR SMART

Price and Volatility Transmission in Livestock and Grain Markets: Examining the Effect of Increasing Ethanol Production Across Countries
Rodrigo Silveira, University of Campinas; Fabio Mattos, University of Nebraska-Lincoln

2034 SP Farm Policy II - Programs and Politics in the United States
Pacific A, Fourth Level

Selected Presentation
This set of papers focuses the historical factors that have shaped agricultural policy, current program participation and efficiency, and future support issues.

Moderator: Stephanie Rosch, Purdue University

Trends in Farm Household Income Volatility: What is the Role of Federal Agricultural Programs?
Daniel Prager, USDA-Economic Research Service; Nigel Key, USDA-Economic Research Service; Christopher Burns, University of Massachusetts Amherst

Interactions of Shallow Loss Support and Traditional Federal Crop Insurance: Building a Framework for Assessing Commodity Support Issues for the Next Farm Act
Joseph Cooper, USDA-Economic Research Service; Anne Effland, USDA-Economic Research Service

Evaluating the Historical Factors Influencing US Agricultural Policy
Derek Farnsworth, University of Florida; Charles Moss, University of Florida

2035 SP Obesity, Nutrition Labeling, and Social Network
Pacific B, Fourth Level

Selected Presentation
The session focuses on Obesity, Nutrition Labeling and Social Network.

Moderator: Janet Peckham, Food and Drug Administration

Soft Pillow for Hard Times: Effects of Economic Insecurity on Body Weight in Transitional Russia
Matthias Staudigel, Institute of Agricultural Policy and Market Research, University of Giessen

Can Social Interactions Change the Brain? Analyzing Social Network Effects on Obesity and Related Co-Morbidities
Christian Henning, University of Kiel; Nana Zarnekow, University of Kiel

The Effect of Nutrition Labeling on Menus and Food Packages on Consumers Diet and Dietary Knowledge
Janet Peckham, Food and Drug Administration; Travis Minor, Food and Drug Administration; Brandon Restrepo, Food and Drug Administration

Yi Xie, Arizona State University; Carola Grebitus, Arizona State University; George Davis, Virginia Tech
Concurrent Sessions — Tuesday, 1:00 PM - 2:30 PM

2036 SP Online Search, Price Dispersion, and Standards and Labeling in Food Markets
Pacific C, Fourth Level

Selected Presentation
This session includes two papers investigating the relationship between online search and price dispersion and two papers on quality standards examining economics of geographical indications and labelling fraud.

Moderator: Jura Liaukonyte, Cornell University

Internet Price Dispersion and the Gatekeeper Effects: Evidence from Online Bordeaux Wine Data
Wu-Yueh Hu, National Chung Hsing University, Taiwan; Yo-Chen Lin, National Chung Hsing University, Taiwan; Shang-Ho Yang, National Chung Hsing University

Online Attribute Search and Retail Prices
Stephen Hamilton, California Polytechnic State University, San Luis Obispo

Mitigating Fraud in Collective Reputation Markets: An Experimental Analysis
Olivier Bonroy, INRA; Alexis Garapin, Université Grenoble Alpes; Stephen Hamilton, California Polytechnic State University, San Luis Obispo; Diogo Souza Monteiro, Newcastle University

2037 SP Smallholder Marketing Issues
Pacific E, Fourth Level

Selected Presentation
The papers in this session deal with smallholder marketing issues in the developing world. Two papers address market access, while another paper looks at factors affecting participation in marketing cooperatives. The fourth paper estimates how quality affects maize prices in Africa.

Moderator: Brian Adam, Oklahoma State University

Does Quality Affect Maize Prices in Sub-Saharan Africa? Evidence from Benin
Didier Kadjo, Purdue University; Jacob Ricker-Gilbert, Purdue University; Corinne Alexander, Purdue University

Marketing Cooperatives in Developing Countries: Who Joins Them and How Can They Do Better?
Malan Benoit, University of Cocody - Abidjan; Tina Saitone, University of California, Davis; Richard Sexton, University of California, Davis

Information Access and Smallholder Farmers’ Selling Decisions in Peru
Vania Salas Garcia, Instituto del Perú; Qin Fan, California State University, Fresno

Effects of Credit and Market Access on Farm Gate Prices in India
Kathy Baylis, University of Illinois at Urbana-Champaign; Mindy Mallory, University of Illinois at Urbana-Champaign; Tisorn Songsermsawas, University of Illinois at Urbana-Champaign

2038 SP Trade III - Issues in Developing Countries
Pacific F, Fourth Level

Selected Presentation
Developing countries have been playing an increasing role on global agricultural trade markets. Their agricultural trade and domestic policies are becoming more and more relevant for the rest of the world. The papers in this session illustrate the case of countries like China, Thailand and Argentina on highly globally traded agricultural commodities.

Moderator: Nicole Ballenger, University of Wyoming

The Impact of Chinese Exchange Rate Policy on World Soybean and Products Markets
Ji Luo, Texas A&M University; Gary Williams, Texas A&M University

RCEP – Thailand Trade Creation and Trade Diversion: Evidence and Analysis
Wanasin Sattayanuwat, Srinakharinwirot University

Truly Preferential Treatment? Reconsidering the Generalized System of (Trade) Preferences
Anupa Sharma, Virginia Tech; Kathryn Boys, North Carolina State University; Jason Grant, Virginia Tech

Argentina's Agricultural Policies
William Ridley, University of Colorado; Stephen Devadoss, University of Idaho
2039 SP Water Use III - Productivity and Farm Efficiency
Pacific H, Fourth Level

Selected Presentation
Water and other scarce environmental resources have been under-represented in studies of agricultural productivity. This session reviews water in the productivity and farm efficiency literature, describes a method for including environmental resources in productivity analysis, and examines diffusion of technologies to raise water productivity in agriculture.

Moderator: Jintao Xu, Peking University

Water Productivity in Agriculture: Looking for Water in the Agricultural Productivity and Efficiency Literature
Susanne Scheierling, World Bank; David Treguer, INRA; James Booker, Siena College

Water and Farm Efficiency: Insights from the Frontier Literature
Boris Bravo-Ureta, University of Connecticut; Roberto Jara-Rojas, University of Talca, Chile; Michee Lachaud, University of Connecticut; Victor Moreira, University of Austral, Chile; Susanne Scheierling, World Bank

The Diffusion of Process Innovation: The Case of Drip Irrigation in California
Rebecca Taylor, University of California, Berkeley; David Zilberman, University of California, Berkeley

Environmentally Adjusted Productivity and Efficiency Measurement: A New Direction for the Luenberger Productivity Indicator
Tibo Ancev, University of Sydney; Samad Md Azad, University of Tasmania

2040 SP Climate Change Adaptation and Impact II - Implications at Household and Market Levels
Pacific I, Fourth Level

Selected Presentation
From household to landscape to markets, this session explores potential impacts of and adaptation to climate change at multiple scales.

Moderator: Jia Zhong, The University of Tennessee, Knoxville

Climate-Change Impacts on Agriculture and Food Markets: Combining a Micro-Level Structural Land-Use Model and a Market-Level Equilibrium Model
Iddo Kan, Hebrew University of Jerusalem; Ayal Kimhi, Hebrew University; Jonathan Kaminski, World Bank

Households’ Adoption of Drought Tolerant Plants: An Adaptation to Climate Change?
Yubing Fan, University of Missouri; Laura McCann, University of Missouri

Climate Change Adaptation through Agricultural R&D Investments: Implications for Food Security and the Environment
Uris Lantz Baldos, Purdue University; Thomas Hertel, Purdue University; Keith Fuglie, USDA-Economic Research Service

Confronting Energy, Food, and Climate Challenges – Analyzing Tradeoffs in Agriculture and Land Use Change
Yongxia Cai, RTI International; Robert Beach, RTI International

2041 SP Commodity Marketing and Risk Management
Pacific J, Fourth Level

Selected Presentation
This session discusses the relevance of traditional approaches to commodity marketing and risk management and addresses new ideas in this field.

Moderator: C. Peter Timmer, Harvard University

Farmland Prices: The Return of a Bubble and Opportunities for Hedging
Erin Hardin, Texas A&M University; Henry Bryant, Texas A&M University; John Penson, Jr., Texas A&M University

Feasibility of New Agricultural Futures Contract: A Study in the Brazilian Rice Market
Daniel Capitani, University of Campinas; Fabio Mattos, University of Nebraska-Lincoln

Investment Risk in Bioenergy Crops
Theodoros Skevas, University of Florida Gulf Coast Research and Education Center; Scott Swinton, Michigan State University; Sophia Tanner, Michigan State University; Gregg Sanford, University of Wisconsin; Kurt Thelen, Michigan State University

Is “Good Enough” Good Enough when Hedging Agricultural Commodities?
Roger Dahlgran, University of Arizona
2042 SP Regional Science Methods  
Sierra A, Fifth Level

**Selected Presentation**  
This session explores methods applied to regional science issues. Methods compared include: spatial regime model, the GWR and the STAR model on the identification of spatial regimes; latent class model and propensity score matching in determining nonconvex preferences in open space valuation; and standard hedonic approach, a repeat sales approach, and a matching approach to determine impacts on property values. A theoretical foundation for categorizing megaregions is also tested.

**Moderator:** John Pender, USDA-Economic Research Service

Defining Regimes with Alternatives Spatial Methods: Spatial Regimes, Geographically Weighted Regression and Spatial STAR Models  
Valerien Pede, International Rice Research Institute; Raymond Florax, Purdue University; Henri De Groot, Vrije Universiteit; Dayton Lambert, University of Tennessee

Farm versus Forest: Physical Scarcity and the Role of Non-Convex Preferences in the Valuation of Open Space  
Tianjie Chen, University of Connecticut; Stephen Swallow, University of Connecticut; Robert Johnston, Clark University

Impacts of Hospitals on Rural Property Values in Illinois  
Cristina Miller, USDA-Economic Research Service; Silda Nikaj, Texas Christian University; John Pender, USDA-Economic Research Service

Identifying Labor Market Areas Based on Link Communities  
Stephan Goetz, The Pennsylvania State University; Yicheol Han, The Pennsylvania State University

2043 TS Analyzing Food Choices: The Effects of Social Networks, Nutrition Facts in Lunchrooms and Cognitive Abilities  
Sierra B, Fifth Level

**Track Session – FAMPS/FSN Sections**  
Food choices are influenced by an abundance of determinants. This session sheds light whether and to what extent a relationship between menu labeling, i.e. the posted caloric content of each item next to its price on the menu board, and food consumption exists. One study determines the impact of social networks, healthy eating, physical activity information, and economic incentives on body weight outcomes with the goal to arrive at policy solutions for problems that are inherently based in relatively large, social network environments. Furthermore, the role of cognitive developmental measures in predicting children's response to food prices, warning labels, and other attributes is investigated.

**Organizer:** Christiane Schroeter, California Polytechnic State University, San Luis Obispo

**Moderator:** Helen Jensen, Iowa State University

Analyzing Social Network Effects on Students’ Food Choices in School Lunchrooms  
Carola Grebitus, Arizona State University; Dan Wang, Arizona State University; Christiane Schroeter, California Polytechnic State University, San Luis Obispo

Do Social Networks Improve the Effectiveness of Incentive-Based Health Programs?  
Christiane Schroeter, California Polytechnic State University, San Luis Obispo; Timothy Richards, Arizona State University; Stephen Hamilton, California Polytechnic State University, San Luis Obispo

Children's Cognitive Abilities and Food Choices  
Sean Cash, Tufts University; Anna McAlister, Michigan State University; Shannon Allen, University of Alberta; Wiktor Adamowicz, University of Alberta
Crops Outlook

Track Session – Extension Section

This session will feature presentations highlighting the current and near-term situation and outlook for major US crop commodities: corn and soybeans, wheat, and cotton. This year’s session will also include a discussion of the impacts of California’s drought on crop production in the state. All presentations will provide insight of factors that may affect the crop mix in the United States and elsewhere in the future and highlight the implications for Extension economists.

Organizer: Levi Russell, Texas A&M University
Moderator: Levi Russell, Texas A&M University

Wheat Outlook
Mykel Taylor, Kansas State University

Corn and Soybean Outlook
Chad Hart, Iowa State University

Cotton Outlook
John Robinson, Texas A&M University

Outlook for California Crops in Light of the Drought
Mechel Paggi, California State University, Fresno

Incorporating Ethics in Economic Analysis

Track Session – IBES/Senior Sections

Ethical issues are created when there is a conflict of interests and/or values between or among economic entities. Such conflicts are pervasive among the types of problems examined in economics. Examples include the principal-agent model, the externality problem and the design of economic policy that impacts diverse stakeholders. Unfortunately, mainstream economists have been reluctant to consider ethics as a viable facet of economic thought and analysis, in part because of the belief that economic analysis can remain value neutral. However, the maintenance of value neutrality is not possible when interests and/or values conflict, since judgments have to be made about which interests or values take precedence and because such conflicts often affect the behavior of economic actors. This creates an opportunity if not an expectation for a consideration of ethics in economic analysis. In this session we consider both conceptual and empirical approaches to incorporating ethics into economics analysis, with particular attention to the kinds of problems of interest to agricultural and applied economists. Papers presented will show how contemporary ethics can provide promising modes of engagement with economics, how surveys and experimental economics can inform on the ethical motivations of consumers, how behavioral economics can be used to illustrate the ethical ramifications of nudging, and how specific economic models can be modified to include explicit references to ethical considerations.

Organizers: Harvey James, Jr., University of Missouri; John Lee, Jr., USDA-Economic Research Service/Mississippi State University
Moderator: John Lee, Jr., USDA-Economic Research Service/Mississippi State University

Engaging Contemporary Ethics with Economics
Paul Thompson, Michigan State University

Survey and Experimental Approaches for Studying Ethical Issues in Economics
Jayson Lusk, Oklahoma State University

The Ethics of Nudging and Not-Nudging
David Just, Cornell University; Andrew Hanks, The Ohio State University

A Primer on Modeling Ethics
Harvey James, Jr., University of Missouri
2046 **Making Agricultural Research Matter to Women Farmers**  
*Sierra F, Fifth Level*

**Track Session – International/CWAE Sections**

The aim of this session is to critically look at approaches used in engaging with rural communities in projects working with smallholder farmers, especially with women and vulnerable groups, that connect local knowledge and context with new knowledge. Focusing on agricultural innovations, adapting to climate change, and linking smallholder farmers, particularly women, with markets, the session explores what approaches and institutions facilitate the development of meaningful and actionable knowledge, while simultaneously developing social and political capitals that support the types of transformational changes in agricultural practices and food systems that are needed to feed 9 billion people in the face of a changing climate. Participatory research approaches, social learning, communities of practice, research for development platforms, and translational research, have in common an aim to engage with smallholder farmers, seeking to empower local decision makers, as well as outscale and/or upscale technologies, practices, and institutional approaches. Panelists will address these challenging topics based on their extensive experience in Latin America, Africa, and Asia, drawing lessons about engaging women and men, youth and the elderly, in a diversity of institutional and cultural contexts, seeking to create knowledge that addresses risks, increases productivity sustainably, and enhances livelihoods. This proposal is sponsored by the C-FARE Development Panel in addition to the International Section.

**Organizer:** Corinne Valdivia, University of Missouri  
**Moderator:** Corinne Valdivia, University of Missouri  
**Discussant:** Corinne Valdivia, University of Missouri  
**Panelists:** Elizabeth Basauri Bryan, International Food Policy Research Institute; Chiara Kovarik, International Food Policy Research Institute; Patricia Kristjanson, International Food Policy Research Insitute; William Meyers, University of Missouri; Jennifer Twyman, CIAT

2047 **Teaching Tips from AAEA Award Winners**  
*Sierra H, Fifth Level*

**Track Session – TLC/GSS Sections**

This session offers the opportunity for AAEA Teaching Award recipients to share teaching tips and have a dialogue with AAEA members. The emphasis is on winning strategies that have worked for them; the approaches, techniques, and/or teaching styles they consider to be instrumental to their points, the emphasis will be on pedagogical approaches to improving education in our profession.

The goal is to share ideas on what successful teachers are doing in and out of the classroom to facilitate learning. Contributions from audience members, in the form of shared experiences, questions, and observations, are both welcomed and considered a key part of this organized symposium. The session will open with a brief introduction and overview (five minutes) by the moderator. Each of the four presenters will then briefly comment on their successful strategies (15 minutes each) after which the moderator will facilitate a discussion among the presenters and the audience (30 minutes). Presenters are expected to provide the audience with written outlines of their major points.

**Organizer:** Sierra Howry, University of Wisconsin-River Falls

2048 **Whither “Agriculture of the Middle” (Continued on next page)**  
*Sierra I, Fifth Level*

**Track Session – AEM Section**

The US farm sector is continuing its shift to an increasingly bimodal size distribution, with the number of very small and very large farms increasing while the number of farms in the middle of the size distribution declining. Many small and medium sized farms that comprise the “Agriculture of the Middle” are too large to take advantage of growing opportunities in direct markets and too small to be competitive in global commodity markets. There have been ongoing efforts among practitioners and academics seeking viable production and marketing solutions to serve these small and medium-sized farms. This session examines the recent trends and introduces past and ongoing research efforts on Agriculture of the Middle.

**Organizer:** Robert King, University of Minnesota  
**Introduction to “Agriculture of the Middle”**  
*Hikaru Hanawa Peterson*, Kansas State University
**Concurrent Sessions — Tuesday, 1:00 PM - 2:30 PM**

Agriculture of the Middle 2002 - 2012  
*Robert King*, University of Minnesota

AOTM Solutions: Farm-to-Institution, Driven by Demand, Values-Based Supply Chains, Cooperative Partnership  
*Larry Lev*, Oregon State University; Gail Feenstra, University of California, Davis; David Conner, University of Vermont; Shermain Hardesty, University of California, Davis

Challenges and Opportunities  
*Hikaru Hanawa Peterson*, Kansas State University

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2049  
**Natural Hazard Adaptation, Resilience and Green Infrastructure**  
*Sierra J, Fifth Level*

**Track Session – ENV Section**

States and communities must increasingly adapt to the hazards of a variable and changing climate. Green infrastructure is often promoted as a means to enhance resilience while providing additional benefits such as storm water management, natural habitat, and recreational opportunities. Yet adaptation decisions are often made with minimal information on the benefits, costs and tradeoffs associated with different types of natural hazards or the use of green versus engineered infrastructure. Available information frequently confounds hazard and amenity effects. Papers in this AAEA/ENV Track Session address methodological and empirical issues related to the benefits and costs of natural hazard adaptation and the role of green infrastructure as a tool for environmental management. Papers emphasize approaches that disentangle confounding benefits and costs and provide actionable policy guidance.

**Organizer**: Robert Johnston, Clark University  
**Moderator**: Robert Johnston, Clark University

- Riparian Buffer Restoration and Green Infrastructure in the Johnson Creek Watershed, Oregon  
  *Noelwah Netusil*, Reed College; *Maya Jarrad*, Reed College; *Anita Morzillo*, University of Connecticut; *Klaus Moeltner*, Virginia Tech

- Defending the Shoreline: A Duration Model of Beach Re-Nourishment  
  *Sathya Gopalakrishnan*, The Ohio State University; *Yun Qiu*, The Ohio State University

- Nonparametric Matching to Pre-Process Housing Data: Estimating Coastal Hazard Effects in New England Communities  
  *Klaus Moeltner*, Virginia Tech; *Christine Blinn*, Virginia Tech; *Robert Johnston*, Clark University

- Disentangling Values for the Methods and Outcomes of Hazard Adaptation: Tradeoffs Between Natural and Engineered Coastal Defenses  
  *Robert Johnston*, Clark University; *Christos Makriyannis*, Clark University; *Adam Whelchel*, The Nature Conservancy

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2050  
**Perspectives on China as the Leading US Agricultural Export Market**  
*Sierra K, Fifth Level*

**Organized Symposium**

China has been the United State's largest agricultural export destination country, and its continuing economic growth brings additional potential. This sessions presents research on three major and new factors influencing such potential: Chinese government production support policy, its current domestic supply and demand situation and outlook; Chinese new overseas investment in agricultural assets and operations; and Chinese rising demand in high quality food, primarily animal based protein food with higher safety standards.

**Organizer**: Hong Holly Wang, Purdue University  
**Moderator**: Mary Clare Ahearn, *Choices* Editor

**Discussant**: Scott Rozelle, Stanford University

- Challenges in Chinese Agriculture Supply and Food Security: Implication to China's Role in Global Agricultural Trade  
  *Jikun Huang*, Chinese Academy of Sciences; *Jun Yang*, Chinese Academy of Sciences; Scott Rozelle, Stanford University

- The Implication of China's Overseas Investment in Agriculture on its Commodity Import  
  *Elizabeth Gooch*, USDA-Economic Research Service; Fred Gale, USDA-Economic Research Service

- Do Chinese Consumers Prefer US Meat in the Presence of Severe Food Safety Issues?  
  *Hong Holly Wang*, Purdue University; David Ortega, Michigan State University