Northeastern Agricultural and Resource Economics Association Annual Meeting

June 15-19, 2020

(All Eastern Time)

June 15th, Monday
9:00-9:15am: Welcome and award announcements. Dave Abler, President-Elect of NAREA
9:30-10:45am: Concurrent sessions 1 and 2
11:00-12:15pm: Concurrent sessions 3 and 4
1:00-2:00pm: Panel: Advice on Engaging with the COVID-19 Crisis through Our Work

June 16th, Tuesday
9:30-10:45am: Concurrent sessions 5 and 6
11:00-12:15pm: Concurrent sessions 7 and 8
1:00-2:15pm: Concurrent sessions 9 and 10

June 17th, Wednesday
9:30-10:45am: Concurrent sessions 11 and 12
11:00-12:15pm: Concurrent sessions 13 and 14
1:00-2:00pm: Listening session with NAREA leadership

June 18th, Thursday
9:30-10:45am: Concurrent sessions 15 and 16
11:00-12:15pm: Concurrent sessions 17 and 18
1:00-2:15pm: Concurrent session 19

June 19th, Friday
9:30-10:30am: Business meeting
12-1pm: Panel session on the COVID-19 pandemic and nutrition
1:00-2:15pm: Reception and networking
Session details

June 15th, Monday

June 15th, Monday, 9:30-10:45am

Concurrent session 1 – Resource Economics

Session chair: Laura Paul, University of Delaware;
Session host: Hongxing Liu, Layfayette College, lhuo@lafayette.edu

Farmer trade-offs between pest control and pollinator health: Evidence from a choice experiment with Midwestern Cucurbit Farmers
Linghui Wu, University of New Hampshire; Dana Bauer; Shadi Atallah, University of New Hampshire; Abby Kaminsky, Forest Service

When Should Meta-Analysis be Used for Benefit Transfer? Predicting Reliability Across Heterogeneous Policy Sites
Hermine Vedogbeton, Clark University; Robert Johnston, Clark University

Identifying regional preferences of ecosystem services using estimated willingness-to-pay values from sustainable farming practices.
J.Carl Ureta, Clemson University; Marzieh Motallebi, Clemson University; Michael Vassalos, Clemson University; Joan Ureta, Clemson University; Lucas Clay, Clemson University

Money Growing on Trees: A Classroom Game About Payments for Environmental Services in Community Forestry
Sarah Jacobson, Williams College; Sahan Dissanayake, Portland State University

Concurrent session 2 – Environmental Economics

Session chair: Neha Khanna, Binghamton University
Session host: Kelly Hellman, UMass Lowell, Kelly_Hellman@uml.edu

The effect of rebate and loan incentives on residential heat pump adoption: Evidence from Ohio and North Carolina
Xingchi Shen, University of Maryland College Park; Yueming (Lucy) Qiu, University of Maryland College Park; Pengfei Liu, University of Rhode Island; Anand Patwardhan, University of Maryland College Park

Firm behavior under unanticipated change in regulation: power plant emissions during the 2018-2019 federal government shutdown
Huan Li, North Carolina A&T State University; Neha Khanna, Binghamton University; Ruohao Zhang, Binghamton University

The Impact of utility-scale Solar Installations on Housing Prices
Vasundhara Gaur, University of Rhode Island; Corey Lang, University of Rhode Island

The Feasibility of Carbon Pricing in Regional Electricity Markets
An Pham, The Pennsylvania State University; Joel Landry, The Pennsylvania State University
**June 15th, Monday, 11:00-12:15pm**

**Concurrent session 3 – Food and Consumption**

**Session chair:** Aaron Adalja, Cornell University  
**Session host:** Dave Abler, Penn State University, dga2@psu.edu

**Importance of Different Food Assistance Programs and Healthfulness of Food Choices**  
**Jinglin Feng,** The Pennsylvania State University; **Edward Jaenicke,** Penn State University; **Linlin Fan,** The Pennsylvania State University

**The Impact of the SNAP Distribution Cycle on Student Non-Cognitive Outcomes**  
**Keenan Marchesi,** Clark University

**The Effects of Media and Policy on the Supply and Demand for Restaurant Food**  
**Shuyang Si,** Cornell University; **Aaron Adalja,** Cornell University; **Miguel Gómez,** Cornell University; **C.-Y. Lin Lawell,** Cornell University; **Chen Zhu,** China Agricultural University

**The effect of online grocery shopping on food environment and diet quality**  
**Pei Zhou,** Penn State University; **Yizao Liu,** Penn State

**Concurrent session 4 – Environmental Economics**

**Session chair:** Kenneth Acks, Cost-Benefit Group, LLC; Envirovaluation.org & NYU Schack Institute for Real Estate  
**Session host:** Sarah Jacobson, Williams College, saj2@williams.edu

**Entry, Location and Optimal Environmental Policies**  
**Manuel Estay Montecinos,** University of Massachusetts Amherst; **John Stranlund,** University of Massachusetts Amherst

**Can Output Increase with Abatement? Input, Technology and Management Choices**  
**Donna Harrington,** Department of Economics, University of Vermont

**Price Perception and Willingness to Vote for Public Goods**  
**Corey Lang,** University of Rhode Island; **Casey Wichman,** University of Chicago; **Shanna Pearson-Merkowitz,** University of Rhode Island

**Reversing property rights to address agricultural water pollution: Insights from a performance-based water quality trading system**  
**Hongxing Liu,** Lafayette College; **Wendong Zhang,** Iowa State University; **Elena Irwin,** Ohio State University

**June 15th, Monday, 1:00-2:00pm**

**Panel: Advice on Engaging with the COVID-19 Crisis through Our Work**  
NAREA Career Advancement and Mentorship (CAM) Program & Diversity and Inclusion (D&I) Committee  
Panelists: **Belinda Archibong,** Barnard College, Columbia University; **Kathleen Liang,** North Carolina A&T State University; **Huan Li,** North Carolina A&T State University
June 16th, Tuesday

June 16th, Tuesday, 9:30-10:45am

Concurrent session 5 – Resource Economics

Session chair: Felipe Quezada, UMass Amherst
Session host: Dave Abler, Penn State University, dga2@psu.edu

Biodiversity Conservation under an ICDP with a Non-Profit National Park Agency and Labor Market
Zijin Xie, Keio University; Ayumi Onuma, Keio University

Land-Use Change at the Rural-Urban Nexus: The Greenbelt Act Study
Wai Yan Siu, Utah State University; Man Li, Utah State University; Arthur Caplan, Utah State University

Severance Taxes, Production, and Employment
Kyle Hoy, Shepherd University

Do Exploitations of Marcellus and Utica Shale Formations Improve Regional Economy in Pennsylvania, Ohio and West Virginia? A Synthetic Control Analysis
Kuan-Ming Huang, West Virginia University; Xiaoli Etienne, West Virginia University

Concurrent session 6 – Food and Consumption

Session chair: Bradley Rickard, Cornell University
Session host: Hongxing Liu, Lafayette College, liuho@lafayette.edu

Are Produce Buyers Willing to Embrace Newly Developed Varieties of East Coast, Locally/Regionally Grown Broccoli to the Point That They Will Overlook Typical Quality Requirements? An Experiment Study
Phillip Coles, Lehigh University; Miguel Gómez, Cornell University; Thomas Björkman, Cornell University; Nicole Amerling, Lehigh University

The local food environment, food pantry reliance, and access to fresh produce: A case study from Minnesota
Harshada Karnik, University of Minnesota; Hikaru Peterson, University of Minnesota; Laura Bohen

Risk of Food-Borne Diseases in Farmed Oysters: Economic Analysis of Consumer Response and Producers’ Strategy
Hirotsugu Uchida, University of Rhode Island; Vivianne Mazzocco, The University of Rhode Island

Dissonant opinions and the home bias: Consumer response to crowd sourced reviews for wine
Aaron Adalja, Cornell University; Bradley Rickard, Cornell University; Florine Livat, KEDGE Business School; Alex Susskind, Cornell University
**June 16th, Tuesday, 11:00-12:15pm**

**Concurrent session 7 – Food and Agriculture**

**Session chair:** Parke Wilde, Tufts University  
**Session host:** Dave Abler, Penn State University, dga2@psu.edu

Are Farmers Markets a Solution for Local Food Access or Simply a Strawman? Theory and Evidence from Maine  
Lauren Miller, University of Maine; Jonathan Malacarne, University of Maine

Food Environment Boundary Definition and Diet Quality Estimation Robustness  
Benjamin Scharadin, Colby College; Michele Ver Ploeg, USDA - ERS; Chris Dicken, USDA – APHIS

Lead and Livestock: Estimating India's Bovine Lead Exposure  
Greg Ferraro, Fordham University, PureEarth; Emily Nash, PureEarth; Mohammad Kabir, PureEarth; Bret Ericson, PureEarth

Assessing the Impact of E15 Waiver on Agricultural Markets, Land Use and Soil Carbon Flux  
Tunhsiang Yu, University of Tennessee; Chad Hellwinckel, University of Tennessee; Daniel De La Torre Ugarte, Universidad del Pacifico

**Concurrent session 8 – Environmental Economics**

**Session chair:** Donna Ramirez Harrington, University of Vermont  
**Session host:** Sarah Jacobson, Williams College, saj2@williams.edu

Carbon negative technologies: a systematic review and meta-analysis  
Gal Hochman, Rutgers University; Vijay Appasamy, Rutgers University

Public Pressure and Heterogeneous Effects of Voluntary Pollution Abatement  
Ruohao Zhang, Binghamton University; Neha Khanna, Binghamton University

The gap between intention and action: Examining low adoption rates of household stormwater practices  
Patrick Fleming, Franklin & Marshall College; Olesya Savchenko, University of Florida

Heterogeneous effects of shale development on infant health: Evidence from causal forests  
Andrew Boslett, University of Rochester Medical Center, Rochester Data Science Consortium; Elaine Hill, Assistant Professor; Mary Willis, Oregon State University
June 16th, Tuesday, 1:00-2:15pm

Concurrent session 9 – Environmental Economics

Session chair: Nathan Chan, University of Massachusetts Amherst
Session host: Jill Caviglia-Harris, Salisbury University, jlcaviglia-harris@salisbury.edu

Adaptation to Climate Change: Evidence from Tillage
Jayash Paudel, Boise State University; Conor Carney, College of the Holy Cross

Status Quo Bias and Public Policy: Evidence in the Context of Carbon Mitigation
Corey Lang, University of Rhode Island; Michael Weir, University of Rhode Island; Shanna Pearson-Merkowitz, University of Rhode Island

Yea or Nay for Carbon taxes? Political economy and willingness to pay for carbon reductions in Washington
Susan Sayre, Smith College; Nathan Chan, University of Massachusetts

Will climate change affect poor countries more than rich ones?—A revisit
Xiaobing Zhao, Northern Arizona University

Concurrent session 10 – Food and Consumption

Session chair: Katherine Harris-Lagoudakis, Iowa State University
Session host: Kyle Hoy, Shepherd University, khoy@shepherd.edu

How do American Consumers Respond to Mandatory Genetically Engineered Labeling?
Linlin Fan, The Pennsylvania State University; Andrew Stevens, University of Wisconsin-Madison; Betty Thomas, Mississippi State University

Advertising on market structure: Evidence from the U.S. retail beer
Ezgi Cengiz, University of Massachusetts Amherst

Willingness to pay for food-safety-label in fresh produces from farmers market of New England region
Binod Khanal, University of Connecticut

Consumers' willingness-to-pay for local, organic and hydroponic foods in Alaska
Qiujie Zheng, University of Alaska Anchorage; Zhifeng Gao, University of Florida; Rodolfo Nayga, University of Arkansas
June 17th, Wednesday

June 17th, Wednesday 9:30-10:45am

Concurrent session 11 – Agricultural Production

Session chair: Ana Claudia Sant’Anna West Virginia University
Session host: Yueming (Lucy) Qiu, University of Maryland College Park, yqiu16@umd.edu

Understanding the Yield Impacts of Alternative Cover Crop Types: Evidence from Plot-level Panel Data
Sunjae Won, NC State University; Roderick Rejesus, North Carolina State University; Aurelie Poncet, NC State University

Experiments in Ranching: Rain-Index Insurance and Investment in Production and Drought Risk Management
Trisha Shrum, University of Vermont

Substituting organic fertilizer for chemical fertilizer: a case study of apple production in China
Pingping Fang, Nanjing Agricultural University; David Abler, Penn State University; Guanghua Lin, Nanjing Agricultural University

Sustainable Pest Management Under Uncertainty: A Dynamic Bioeconomic Analysis of Lowbush Blueberry Production
D. Adeline Yeh, Cornell University; Miguel Gómez, Cornell University; C.-Y. Lin Lawell, Cornell University

Concurrent session 12 – Environmental Economics

Session chair: Belinda Archibong, Barnard College, Columbia University
Session host: Jill Caviglia-Harris, Salisbury University, jlcaviglia-harris@salisbury.edu

Estimating Habitual and Variety-seeking Behavior: Non-market Valuation of Recreational Birdwatching
Todd Guilfoos, URI; Priya Behanan, University of Rhode Island; Sonja Kolstoe, Salisbury University

The distributional incidence of wildfire risk within the western US
Matthew Wibenmeyer, Resources for the Future

Spreading Like Wildfire: The Role of Information in Communicating Risk in California
Kelly Hellman, University of Massachusetts Lowell; Carolyn Kousky, Wharton Risk Center; Karl Korfmacher, Rochester Institute of Technology

Gender Based Reservations in Politics and Deforestation in Rural India
Onupurba Das, University of Massachusetts Amherst; Jamie Mullins, University of Massachusetts Amherst
June 17th, Wednesday 11:00-12:15pm

Concurrent session 13 – Resource Economics

Session chair: Wai Yan Siu, Utah State University  
Session host: Kelly Hellman, UMass Lowell, Kelly_Hellman@uml.edu

The effectiveness of enforcing collective property rights  
Felipe Quezada-Escalona, University of Massachusetts Amherst; Nathan Chan, University of Massachusetts

Crowding Effect of Subsidies and Social Nudges on Intrinsic Motivation for Contribution to a Common Pool Resource: Results from a Framed Field Experiment in Tanzania  
Mattana Wongsirikajorn, University of Rhode Island; Emi Uchida, University of Rhode Island; Hirotsugu Uchida, University of Rhode Island

Louis Sears, Cornell University; C.-Y. Lin Lawell, Cornell University; M. Todd Walter, Cornell University

Economic Analysis of Groundwater Depletion with Possible Import of Supplementary Supply: The Case of Western Kansas  
Christopher Bruno, University of Connecticut; Farhed Shah, University of Connecticut

Concurrent session 14 – Trade

Session chair: Gbadebo Odularu, SERAP LLC  
Session host: Dave Abler, Penn State University, dga2@psu.edu

US Export Outlook in East Asia  
Adam Gerval, USDA - Economic Research Service

Trade Effect of Sunset Reviews: The Case of Agricultural and Food Products  
Sijia Chen, University of Connecticut; Sandro Steinbach, University of Connecticut

Global waste crisis? The role of environmental trade policies in China  
Xiting Zhuang, University of Connecticut; Sandro Steinbach, University of Connecticut

June 17th, Wednesday 1:00-2:00pm

Listening Session with NAREA Leadership  
What Can NAREA Do to Help You Professionally During the COVID-19 Pandemic?
June 18th, Thursday

June 18th, Thursday 9:30-10:45am

Concurrent session 15 – Agricultural production

Session chair: Janelle Larson, Penn State University
Session host: Yueming (Lucy) Qiu, University of Maryland College Park, yqiu16@umd.edu

Economic Efficiency of Food Safety Modernization Act: Preventing Illnesses from Contaminated Water
Marziyeh Bahalou Horeh, West Virginia University; Levan Elbakidze, West Virginia University

Comparison of 2018 and 2019 Market Facilitation Programs
Anil Giri, Economic Research Service, USDA; Wesley F. Peterson, University of Nebraska- Lincoln;
Sankalp Sharma, Kent State University; and Iuliia Tetteh, Illinois State University

Hindsight 2020: What have we learned from forward-looking projections of agriculture in the last 25 years?
Siwa Msangi, Joint Global Change Research Institute - PNNL; Sarah Cline, Department of the Interior

Economic Impacts of Long-Term Cover Crop Usage
Richard Vyn, University of Guelph; Inderjot Chahal, University of Guelph; Danielle Mayers, University of Guelph; Laura Van Eerd, University of Guelph

Concurrent session 16 – Environmental Economics

Session chair: Allen Collins, West Virginia University
Session host: Sarah Jacobson, Williams College, saj2@williams.edu

Finding the signal of water quality impacts on visitation to coastal recreation areas on Cape Cod using data derived from cell phone locations
Ryan Furey, U.S. Environmental Protection Agency (EPA); Nathaniel Merrill, USEPA; Josh Sawyer, US EPA; Kate Mulvaney, US EPA; Marisa Mazzotta, US EPA

Size-Based Regulations and Environmental Quality: Evidence from the U.S. Livestock Industry
Chen-Ti Chen, Iowa State University; John Crespi, Iowa State University; Gabriel Lade, Macalester College; David Keiser, University of Massachusetts Amherst

Pollution and Mortality: Estimating damages using pollutant specific abatement technologies
Casey Rozowski, North Carolina State University

Experimental sales of water quality credits and co-benefits: Dissecting the effects of policy and payment consequentiality versus incentive compatible valuation
Xiuping Chen, University of Connecticut; Pengfei Liu, University of Rhode Island; Stephen Swallow, University of Connecticut
June 18th, Thursday 11:00-12:15pm

Concurrent session 17 – Agricultural Production

Session chair: Jennifer Ifft, Cornell University  
Session host: Kelly Hellman, UMass Lowell, Kelly_Hellman@uml.edu

Old Order Amish Population Growth and New York Farmland Markets  
Jennifer Ifft, Cornell University; Youwei Yang, Cornell University

Estimating dynamic behavior in commercial fisheries  
Richard Melstrom, Loyola University Chicago; Anna Klis, Northern Illinois University

Smallholder Farmers’ Preferences and Willingness to Accept Incentives to Embrace Climate-Smart Agriculture in Nigeria  
Sarah Edewor, Saradore Trust Nig Ltd; Adebayo Shittu, Federal University of Agriculture, Abeokuta; Mojisola Kehinde, Federal University of Agriculture, Abeokuta

Conservation Practices and Corn Yields: A Causal Analysis of Mississippi Delta and Arkansas Delta  
Seong Yun, Mississippi State University; Melody Pinamang, Mississippi State University; Bowen Chen, University of Illinois, Urbana-Champaign; Benjamin Gramig, University of Illinois, Urbana-Champaign; Matthew Interis, Mississippi State University

Concurrent session 18 – Environmental Economics

Session chair: Kent Messer, University of Delaware  
Session host: Hongxing Liu, Layfayette College, liuho@lafayette.edu

The Helpful and Harmful Potential of Behavioral Nudges  
Jonathan Malacarne, University of Maine

Does charitable giving make you happier? Evidence from Twitter  
Nathan Chan, University of Massachusetts; Casey Wichman, University of Chicago

Yours, Mine and Ours: Paying to Mitigate Risks to Self and Others  
Emma Grazier, University of Massachusetts Amherst; Angela de Oliveira, University of Massachusetts Amherst; Ezra Markowitz, University of Massachusetts Amherst; Emily Huff, Michigan State University

The Role of Gender Identity in Generating Ecosystem Services Benefits from Rented Farmland – A Theoretical Analysis  
Diya Ganguly, University of Nebraska-Lincoln; Simanti Banerjee, University of Nebraska-Lincoln; Christopher Gustafson, University of Nebraska-Lincoln
June 18th, Thursday 1:00-2:15pm

Concurrent session 19 – Environmental Economics

Session chair: Jimena Gonzalez-Ramirez, Manhattan College  
Session host: Jill Caviglia-Harris, Salisbury University, jlcaviglia-harris@salisbury.edu

The Environmental Impacts of Ethiopia's Productive Safety Net Programme  
Vis Taraz, Smith College; Kalle Hirvonen, International Food Policy Research Institute (IFPRI), Ethiopia; Elia Machado, City University of New York, USA; Andrew Simons, Fordham University, USA

The Effect of Raising and FEMA Compliance on Housing Prices  
Zhenshan Chen, University of Connecticut; Charles Towe, University of Connecticut; Nancy Bockstael, University of Connecticut

The Politics and Economic Burden of Epidemic Disease: Evidence from the Meningitis Belt  
Belinda Archibong, Barnard College, Columbia University; Francis Annan, Georgia State University; Uche Ekhator-Mobayode, University of Pittsburg Bradford

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June 19th, Friday

June 19th, Friday 9:30-10:45am: Business meeting

June 19th, Friday 12-1pm

Panel Discussion on the COVID-19 Pandemic and Nutrition  
Panelists: David Just, Cornell University; Norbert Wilson, Tufts University; Sean Cash, Tufts University

June 19th, Friday 1:00-2:15pm: Reception and networking