



Association of Environmental and Resource Economists



PROGRAM AT A GLANCE

2019 SUMMER CONFERENCE



HYATT REGENCY LAKE TAHOE

MAY 30-31, 2019



We are honored to publish the
**JOURNAL of the
ASSOCIATION of
ENVIRONMENTAL
and RESOURCE
ECONOMISTS**

AERE members receive *JAERE*
as a benefit of membership.

As the official research journal of AERE, the journal's principal mission is to provide a forum for the scholarly exchange of ideas in the intersection of human behavior and the natural environment. Focusing on original, full-length research papers that offer substantial new insights for scholars of environmental and resource economics, *JAERE* presents a range of articles that are relevant for public policy, using approaches that are theoretical, empirical, or both. [Learn more at journals.uchicago.edu/jaere](https://journals.uchicago.edu/jaere).

***JAERE's* first Impact Factor will be released in June 2020.**

The journal was accepted in the Economics and Environmental Studies Social Sciences Citation Index in 2019.



MARINE RESOURCE ECONOMICS

SAVE 20% WITH CODE "AER20" | RATES START AT ~~\$50.00~~ \$40.00 | [JOURNALS.UCHICAGO.EDU/MRE](https://journals.uchicago.edu/mre)

Marine Resource Economics publishes creative and scholarly economic analyses of a range of issues related to natural resource use in the global marine environment. The scope of the journal includes conceptual and empirical investigations aimed at addressing real-world ocean and coastal policy problems.

Taxes & shipping may apply. Offer expires 10/31/19, and excludes student subscriptions.



THE UNIVERSITY OF CHICAGO PRESS JOURNALS



Association of Environmental and Resource Economists

**2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV**

AERE OFFICERS

President – Daniel J. Phaneuf, University of Wisconsin-Madison
Vice President – Amy W. Ando, University of Illinois at Urbana-Champaign
Secretary – Nicolai Kuminoff, Arizona State University
Treasurer – Margaret Walls, Resources for the Future
Immediate Past President – Laura O. Taylor, Georgia Institute of Technology

AERE BOARD OF DIRECTORS

Soren Anderson, Michigan State University
Mary F. Evans, Claremont-McKenna College
Karen Fisher-Vanden, Pennsylvania State University
Lynne Lewis, Bates College
Paulina Oliva, University of Southern California
Ann Wolverton, U.S. Environmental Protection Agency

EX-OFFICIO BOARD MEMBERS

Sheila Olmstead, University of Texas, Austin
Cathy Kling, Cornell University
Tonya Wade, AERE Executive Director

AERE SUMMER CONFERENCE 2019 ORGANIZING COMMITTEE

Katrina Jessoe, University of California, Davis
Maximilian Auffhammer, University of California, Berkeley

2019 INSTITUTIONAL MEMBERS

US Forest Service, Rocky Mountain Research Station
W.H. Desvousges & Associates, Inc.
Fondazione Eni Enrico Mattei (FEEM)

2019 UNIVERSITY MEMBERS

Clark University
Colorado School of Mines, Division of Economics and Business
Colorado State University, Department of Agricultural and Resource Economics
Cornell University, Charles H Dyson School of Applied Economics and Management
Cornell University, Cornell Institute for China Economic Research (CICER).
Duke University, University Program on Environmental Policy
Iowa State University, Department of Economics
Johns Hopkins University
Macalester College, Department of Economics
Mississippi State University, Department of Agricultural Economics
North Carolina State University, Department of Agricultural and Resource Economics
Pennsylvania State University, Department of Agricultural Economics
Purdue University - Department of Agricultural Economics
University of Alberta, Department of Resource Economics and Environmental Sociology
University of California - Davis, Department of Agricultural & Resource Economics
University of California - San Diego
University of Hawaii at Manoa, Department of Economics
University of Illinois at Urbana-Champaign, Department of Agricultural & Consumer Economics
University of Michigan - Erb Institute
University of Oregon, Department of Economics
University of Wisconsin-Madison, Department of Agricultural & Applied Economics
University of Wyoming, Department of Economics
University of Connecticut, Department of Agricultural and Resource Economics
Virginia Tech, Department of Agricultural and Applied Economics
Yale University, School of Forestry & Environmental Studies/Center for Business and the Environment



Association of Environmental and Resource Economists

2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV

Thank You to Our Supporters

LEGACY SUPPORTER



GOLD SUPPORTER



BRONZE SUPPORTERS



AERE is grateful to the following funders for making this year's sponsored sessions possible:

Economic Research Service, US Department of Agriculture
National Center for Environmental Economics, US Environmental Protection Agency
Office of Response and Restoration, National Oceanic and Atmospheric Administration



Association of Environmental and Resource Economists

**2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV**

General Sessions

General sessions are 90 minutes in length, and typically include four papers. Each presenter is given 15-18 minutes, followed by 2-4 minutes of audience Q&A. No General Session presentation (including questions) may exceed 22 minutes. This is strictly enforced by the session chair. Sessions with fewer than four papers follow the same format, with a maximum of 22 minutes per paper.

These guidelines allow attendees to move between sessions after one paper is completed and can see another paper in the same time frame. To further enable movement between sessions, papers are presented in the order they appear in the program.

Sponsored Sessions

Sponsored sessions are 90 minutes in length, and typically include three papers. Each presenter is given 15 minutes, followed by 8 minutes for a discussant, and 7 minutes for audience Q&A. No Sponsored Session presentation (including discussant and questions) can exceed 30 minutes. This is strictly enforced by the session chair.

Poster Sessions

Poster sessions will display research projects. Authors are encouraged to be near their posters during the scheduled poster sessions and chat with interested folks. A great way to meet new people!

AERE is professionally managed by





Association of Environmental and Resource Economists

2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV

General Information

Badges & Tickets:

If you are a conference attendee, your name badge is your admission into all sessions, food functions, and social events.

AERE Press Policy:

Members of the press are welcome to register for the conference—credentials should be presented at Registration. Press are expected to follow rules of academic conference decorum. Q&A periods follow paper presentations in each session and time limits are managed by the assigned Session Chair.

Important Notice:

The content of this Conference reflects the views of the speakers and does not necessarily represent the position of the Association. Neither the Association nor its officers, members or staff assumes responsibility or liability for the accuracy of information presented or the appropriateness of its use with specific clients. Each attendee is advised to make an independent judgment regarding the content and use of this information.



IEc
www.indecon.com

Industrial Economics, Incorporated (IEc)
Over 30 years of objective analysis.



Association of Environmental and Resource Economists

2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV

Schedule-at-a-Glance

WEDNESDAY, MAY 29, 2019		
7:00 am – 6:00 pm	Registration Desk Open	Regency Foyer
7:00 am – 8:00 am	Continental Breakfast	Regency Foyer
8:00 am – 5:00 pm	Pre-Conference Workshop	Regency DE
6:00 pm – 8:00 pm	Welcome Reception	Lakeside Ballroom
THURSDAY, MAY 30, 2019		
8:00 am – 5:00 pm	Registration Desk Open	Regency Foyer
8:00 am – 9:00 am	Continental Breakfast	Regency Foyer
9:00 am – 10:30 am	Parallel Papers Session 1	See Program Overview
10:30 am – 11:00 am	Poster Session and Refreshment Break	Regency Foyer/Corridor
11:00 am – 12:30 pm	Parallel Papers Session 2	See Program Overview
12:30 pm – 12:45 pm	Transition to Awards Luncheon	
12:45 pm – 2:00 pm	AERE Awards Luncheon	Cottage Green
2:00 pm – 2:15 pm	Transition to Keynote Address	
2:15 pm – 3:00 pm	Keynote Address: Seema Jayachandran	Lakeside Ballroom
3:00 pm – 3:15 pm	Poster Session and Refreshment Break	Regency Foyer/Corridor
3:15 pm – 4:45 pm	Parallel Papers Session 3	See Program Overview
5:00 pm – 6:30 pm	Wine and Beer Cash Bar Meet-Up	Lakeside Patio
FRIDAY, MAY 31, 2019		
7:30 am – 5:00 pm	Registration Desk Open	Regency Foyer
7:30 am – 8:30 am	Continental Breakfast	Regency Foyer
8:30 am – 10:00 am	Parallel Papers Session 4	See Program Overview
10:00 am – 10:30 am	Poster Session and Refreshment Break	Regency Foyer/Corridor
10:30 am – 12:00 pm	Parallel Papers Session 5	See Program Overview
12:00 pm – 1:30 pm	Lunch on Own	Hotel Lobby
1:30 pm – 3:00 pm	Parallel Papers Session 6	See Program Overview
3:00 pm – 3:15 pm	Poster Session and Refreshment Break	Regency Foyer
3:15 pm – 4:45 pm	Parallel Papers Session 7	See Program Overview
4:45 pm	Conference Adjourns	



Association of Environmental and Resource Economists

2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV

THURSDAY, MAY 30, 2019			
Location	Parallel Papers Session 1 9:00 am – 10:30 am	Parallel Papers Session 2 11:00 am – 12:30 pm	Parallel Papers Session 3 3:15 pm – 4:45 pm
Regency A	Finance and the Environment	Biodiversity 2	Natural Disasters: Local Impacts and Floods
Regency B	Agri-environmental Policy	Environment and Development: Environmental Quality and Health	Transportation: Standards and Purchases
Regency C	Fisheries 3	Topics in Revealed Preferences	Natural Resources Management: Growth, Social Benefits and Productivity
Regency D	Field Experiments: Time Preferences and Information Effects		Nudges and Peer Effects: Theory and Empirical Evidence
Regency E	Renewable Energy: Theory and Empirics		Pollution Control: Enforcement and Compliance
Regency F	Transportation: Innovation and Pricing	Energy Efficiency, Electricity Pricing and Electric Vehicles	Stated Preferences: Methods and Applications
Martis Peak A	Advances in Estimating the Social Cost of Carbon	Impacts of Air Pollution on Health and Behavior	Giannini Foundation Session 1: Climate Change and Agriculture
Martis Peak B	Pollution Control	Air Pollution: Costs and Impacts of Regulation	Human Capital, Heat, and Air Pollution
Martis Peak C	Deforestation, Property Rights and Monitoring	Targeting and Development of Wind, Gas and Oil	Fisheries 1
Castle Peak A	Tragedies of the Commons: New Tests, New Results, with Applications to Fisheries and Water Resources	Sponsored Session: Valuing Water	Sponsored Session: Computable General Equilibrium Models II
Castle Peak B	Early Childhood Exposure to Pollutants and Cognitive Development, Health and Behavior	Agriculture and Climate Change	JAERE Special Session Fossil Fuels
Pyramid Peak	Impacts and Management of Wildfires	Carbon Regulation	Energy: Storage, Intermittency and Misallocation



Association of Environmental and Resource Economists

2019 Summer Conference | May 30-31, 2019 | Pre-Conference Workshop: May 29, 2019
Hyatt Regency Lake Tahoe | Incline Village, NV

FRIDAY, MAY 31, 2019				
Location	Parallel Papers Session 4 8:30 am – 10:00 am	Parallel Papers Session 5 10:30 am – 12:00 pm	Parallel Papers Session 6 1:30 pm – 3:00 pm	Parallel Papers Session 7 3:15 pm – 4:45 pm
Regency A	Electrification and Electricity Use in Developing Countries	Transportation: Impacts of Technology and Regulations	Climate Change Policy: Growth, Uncertainty and Discounting	Transportation: Prices
Regency B	Environmental Valuation: Methods and Applications	Laboratory Experiments in Environmental Economics	Natural Disasters: Hurricanes and Tornadoes	Resources and Ecosystem Studies: Irreversibility, Risk and Uncertainty
Regency C	Climate Change: Topics in Agriculture and Time Use	Environmental Quality and Housing Prices	International Environmental Agreements	Empirical Evidence on the Impacts of Air Pollution and Energy Policy
Regency D	Field Experiments in Energy Economics	Climate Change: Expectations and Adaptation	Environmental Policy and CGE Modeling	Behavior, Big Data and Spatial Analysis
Regency E	Distributional Impacts and the Environment	Forest Resources Management	Non-market Valuation	Perspectives on Environmental and Energy Policy
Regency F	Local Impacts of Resource Booms	Natural Disasters and Climate Change	Fisheries 2	Avoidance Behavior and Mitigation
Martis Peak A	Tradable Permits	Water Quality 1	Environmental Taxes	Impacts of Temperature on Violence and Nutrition
Martis Peak B	Biodiversity 1	Climate Change Adaptation and Market Power in Electricity Markets	Water Conservation Policy	Climate Change: Econometrics and Uncertainty
Martis Peak C	Natural Disasters: Recovery, Learning and Uncertainty	Land Trusts, Protected Land, Recreation and Tourism	Energy Efficiency and Conservation	Water Resources Management: Climate Change and Irrigation
Castle Peak A	Sponsored Session: Water and Agriculture	Sponsored Session: Computable General Equilibrium Models I	REEP Sponsored Session	Monitoring and Regulatory Agency Decisions
Castle Peak B	Air Pollution: Damages and Adaptation	Prices and Pollution	Giannini Foundation Session 2: Agriculture and Climate Change	Sponsored Session: Fisheries and Marine Conservation
Pyramid Peak	Trade and the Environment	Environmental Policy and Impacts in Developing Countries	The Environment, Human Capital and Productivity	Water Quality 2

EXPERTISE IN ENVIRONMENTAL AND NATURAL RESOURCE LITIGATION AND REGULATION



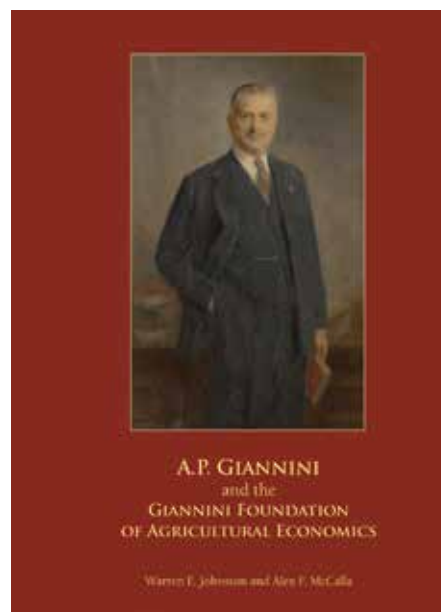
The Brattle Group provides consulting and expert testimony in economics, finance, and regulation to law firms, corporations, and governments around the world.

We offer clients a comprehensive approach to the analysis of environmental and natural resource litigation and regulation.

Our team's expertise in environmental economics is complemented by the firm's broader spectrum of knowledge in energy, finance, and regulatory consulting, allowing us to serve a full range of client needs. We also work with leading academics and industry practitioners.



- The Giannini Foundation was founded in 1930 from a grant made by the Bancitaly Corporation to the University of California in tribute to its organizer and past president, Amadeo Peter Giannini of San Francisco.
- Members of the Giannini Foundation are University of California faculty and Cooperative Extension specialists in agricultural and resource economics on the Berkeley, Davis, and Riverside campuses.
- The broad mission of the Foundation is to promote and support research and outreach activities in agricultural economics and rural development relevant to California.




Agricultural and Resource Economics ARE UPDATE

Giannini Foundation of Agricultural Economics, University of California Vol. 22, No. 3 Jan/Feb 2019

ALSO IN THIS ISSUE

California Farm Commodities and the 2018 Farm Bill
Hyunok Lee and Daniel A. Sumner..... 2

What Does the 2018 Farm Bill Mean for California and the Environment? Spotlight on the Conservation Programs
Ellen M. Bruno and David Zilberman 6

Changes to Nutrition Programs in the 2018 Farm Bill
Charlotte Ambrozek and Tim Beatty..... 9

Brexit and the Disruption of Agricultural Trade: A View from Ireland
Colin A. Carter and Doris Lippé 12

Introduction to the Issue: The 2018 Farm Bill and Brexit
Richard J. Sexton and Daniel A. Sumner

We're very pleased to present *ARE Update* readers with an expanded issue focused on two timely policy topics: The passage of the 2018 Farm Bill and the impending "Brexit" of the United Kingdom from the European Union.

The Agriculture Improvement Act of 2018 is the official title of the newest Farm Bill. It is the most recent of a line of periodic laws that authorize a set of loosely related government programs that are mostly administered by the U.S. Department of Agriculture (USDA). The nickname "Farm Bill" emerged when these laws dealt mostly with farm issues, something that has not been true for decades. Today food and nutrition subsidies, programs far removed from the farm, comprise the great bulk of the authorized spending.


Although agricultural programs have existed in the U.S. since the earliest days of the republic, the modern era of farm commodity subsidies, price regulations, crop insurance, storage programs, and soil conservation and environmental programs began in 1933 with New Deal legislation. Every few years for the next nine decades, these programs have been renewed and modified. As is also true with the 2018 Farm Bill, much of the content of these farm bills took the form of amending the previous law for a fixed number of years. For example, many of the 2014 authorizations expired in 2018, so some legislation was needed or else those programs would have simply ended or reverted to so-called "permanent legislation" that is more than half a century out of date. Much of the current Farm Bill authorizes programs and annual expenditures on them only for the next five years, so the cycle continues.

The 2018 Farm Bill has 12 Titles. Our first article by Lee and Sumner focuses mainly on Title I on commodities. They also touch on Titles X (Horticulture) and XI (Crop Insurance). The authors highlight changes in 2018 that provide added subsidies to dairy (the largest farm revenue generator in California) and cotton.

The second article by Bruno and Zilberman addresses conservation, Title II. They report that total funding for conservation programs is little changed in the new Farm Bill, but funds have been reallocated across key programs. The authors break down what it all means for California.

Ambrozek and Beatty address Title IV on Nutrition. The major change in these programs involves work requirements for able-bodied adults without dependents (ABAWD) in the Supplemental Nutrition Assistance Program (SNAP). Ambrozek and Beatty also draw attention to administrative rules proposed by the USDA subsequent to passage of the 2018 Farm Bill that will tighten requirements for states to obtain exemptions from enforcing work requirements for ABAWD.

Brexit is scheduled to occur on March 29 of this year. UC Davis professor Colin Carter is on leave this year in Ireland and, with co-author Doris Lippé, provides *Update* readers with key insights into the disruptions to international agricultural trade that loom on the eve of Brexit. Carter and Lippé forecast major disruptions in Irish trade of beef and dairy products to Britain, and explain what it is likely to mean for other major agricultural exporters, including the United States.




GIANNINI • FOUNDATION

OF AGRICULTURAL ECONOMICS

UNIVERSITY OF CALIFORNIA

CALIFORNIA AGRICULTURE DIMENSIONS AND ISSUES

Philip L. Martin, Rachael E. Goodhue, and Brian D. Wright, Editors



Giannini Foundation Information Series 18-01



Association of Environmental
and Resource Economists

2020 SUMMER CONFERENCE



Pre-Conference Workshop - June 3, 2020

Conference - June 4-5, 2020

Hyatt Regency Miami

Miami, FL

VISIT WWW.AERE.ORG FOR DETAILS.