Dear Conference Participant:

On behalf of the Board of Directors, it is my pleasure to welcome you to the 13th Biennial Conference of the United States Society for Ecological Economics, our first in-person conference since 2019.

The USSEE envisions a world in which economic activity supports a just and sustainable society within the biophysical limits of global ecosystems. As such, we have done our best to limit the environmental impact of the conference, while, at the same time, creating an opportunity to interact with each other as a community.

The environmental and climate challenges that exist today require ecological economists to be at the forefront of policy discussion. This obliges ecological economists to conduct top-level research and to develop new policy recommendations.

The USSEE continues the fight for transdisciplinary research in the United States by showcasing the best research in our field. We will continue the sharing of ideas through interaction and vetting research and policy in efforts to impact public-policy that will lead to a better world. It is important that, as ecological economists, our voice is heard at the local, state, national, and international levels.

If you are not already a member of the USSEE, please become a member of the International Society for Ecological Economics and choose the USSEE as your primary affiliation. We provide a lot of benefits for our membership, such as regular seminars, book clubs, podcast clubs, and more. We are frequently creating more content and opportunities for members and encourage you to join our community.

Enjoy the conference, make new connections, be open to new ideas, and engage with amazing professionals in our field. Together, we can make positive change in our world. This conference is a great forum to do so.

John Polimeni, President, USSEE
Main Level

Upon entering Armory Studios NY from the Main Entrance you will see signage directing you to the various breakout rooms.

The Officer's Lounge and Lecture Room are on the Second Floor
Rifle Range Suite 1 and 2 are on the Lower Level
The Officer's Club is on the Lower Level
Lower Level
Conference Rooms C & D
The Officer’s Club will host both the Luncheon and the Dinner
Second Level
Conference Rooms A & B

Room A
Officer’s Lounge

Room B
Lecture Room
Program Schedule

THURSDAY, JUNE 6

RECEPTION | 5-7pm | Doubletree by Hilton Schenectady Downtown | 100 Nott Terrace, Schenectady, NY 12308

CONFERENCE BADGES: Please wear your conference at all times within the Armory Studios. You will not be permitted into sessions without your badge.

Computers will be set up in each of the rooms. They will be connected to Zoom for virtual participants. These computers are Windows based. We ask participants to use these computers.

Break sessions will have coffee, tea, water, and light refreshments in both the morning and afternoon. The breaks will be held in the lower level, in the hallway signified by G30 on the map.

PLEASE NOTE: * signifies the chair for the session. The chair is responsible for introducing the session, introducing each speaker and presentation, moderating discussion, and keeping equal time for each speaker in the session.

Armory Wireless Internet Connection Information

Wi-fi Name: 579       Wi-fi Password: armory1179

FRIDAY, JUNE 7

EARLY MORNING SESSION | 8:00 – 9:30am

Room: Officer’s Lounge (Green Room)  Session: Climate Change 2

*Alexander R. Barron, Smith College; Junwen Ding, Smith College; Aaron L. Strong, Hamilton College.
Do Carbon Neutrality Commitments Work? Evidence from Higher Education

Omid Karami, EcoEngineers.
Environmental and Economic Impacts of US Wood Pellet Export
Tadesse Wodajo, National Oceanic and Atmospheric Administration (NOAA); Joseph Conran, National Oceanic and Atmospheric Administration (NOAA); Jeffrey Wielgus, National Oceanic and Atmospheric Administration (NOAA).

**Recent Federal and State Initiatives on Climate and Environmental Justice**

**BREAK | 9:30 – 10:00am**

**LATE MORNING SESSION | 10:00 – 11:30am**

**Room: Rifle Range Suite #2  Session: Ecological Economic Theory and Emerging Issues 2 (Workshop)**

*Rigo Melgar, University of Vermont; Daniel Wortel-London, Center for the Advancement of the Steady State Economy; Lizah Makombore, University of Vermont.*

**Ecological Economics From Theory-to-Action: Visioning Post-Growth Wellbeing Economies in the U.S.A.**

**Room: Rifle Range Suite #1  Session: Green Economy, Sustainability, and Social Well-being 4**

Kaitlin Kish, Cape Breton University; Danielle LeTang, Rural Ontario Institute.

**Bridging Data Gaps: Toward Sustainable Decision-Making in Rural Landscapes**

*Seth Binder, St. Olaf College; Miriam Gold, Energy Policy Institute at the University of Chicago (EPIC); Regina Vera Estrada, Compass Family Services Rushikesh Jadhav, Acumen LLC.*

**A conditional use right to land: Feasibility and cost**

Tong Wu, Cornell University; C.-Y. Cynthia Lin Lawell, Cornell University; David R. Just, Cornell University; Jiancheng Zhao, Zhejiang Academy of Forestry; Zhangjun Fei, Boyce Thompson Institute and Cornell University; Qiang We, Nanjing Forestry University.

**Optimal Forest Management for Interdependent Products: A Nested Dynamic Bioeconomic Model and Application to Bamboo**

**BREAK | 11:30-12pm**
LUNCHEON | 12:00 – 1:30pm The Officer’s Club

Announcement of USSEE Fellows Program | Robert B. Richardson, Michigan State University

Bernardo Aguilar Awards | John A. Sorrentino, Temple University

Panel Session on Teaching Ecological Economics | Moderator: John A. Sorrentino, Temple University, Panelists: Joshua Farley, University of Vermont; Amit Batabyal, Rochester Institute of Technology

EARLY AFTERNOON SESSIONS | 1:30 – 3:00pm

Room: Officer’s Lounge (Green Room) Session: Climate Change 3

Matthew Walker, West Virginia University; Ana Claudia Sant’Anna, West Virginia University. Geographically Weighted Panel Regression: A Spatial Approach to Investigate the EKC Hypothesis with a Focus on Recreation and Tourism

*Lizah Makombore, The University of Vermont; Lindsey Bouzan, The University of Vermont. Ubuntu and Entanglement: A Case for the Colorado River Basin

Rigo Melgar, University of Vermont. Rethinking the U.S. Financial System for a Biophysically Sustainable and Socially Just Energy Transition to A Post-Growth Wellbeing Economy

Room: Lecture Room (Blue Room) Session: Energy Use and Sustainability 1

*Akbar Marvasti, National Oceanic and Atmospheric Administration (NOAA), U.S. Commerce Department. Ecological Effects of Oil Platforms in the Gulf of Mexico

Justin Dempsey, University of Vermont; Jon Erickson, University of Vermont. Enabling Place-Based Renewable Power Generation Using Community Energyshed Design

Suraj Ghimire, New Mexico Institute of Mining and Technology. Addressing the Intermittency of Renewable Energy: Evaluating Optimal Storage Solutions

Room: Rifle Range Suite #1 Session: Ecological Economic Theory and Emerging Issues 5
Brent Haddad, University of California at Santa Cruz; Barry Solomon, Michigan Technological University.

**Ecological Economics as the Science of Sustainability and Transformation: Integrating Entropy, Sustainable Scale, and Justice**

Amit Batabyal, Rochester Institute of Technology; Hamid Beladi, University of Texas at San Antonio.

**Decentralized vs. Centralized Water Pollution Cleanup in the Ganges in a Model with Three Cities**

* John A. Sorrentino, Temple University.

**Estimating the Damage to an Arboretum’s Ecosystems Services by an EF2 Tornado**

Bonnie Keeler, University of Minnesota. **Different Methods Different Values: Implications of Alternative Valuation Methods for Environmental Policy Analysis**

Room: Rifle Range Suite #2  Session: Green Economy, Sustainability, and Social Well-being 3

Zijiao Ma, Xi’an Jiaotong-Liverpool University; Gengyang Tu, Xi’an Jiaotong-Liverpool University.

**Estimating Chinese consumer preference for insect-based feedstuff: A discrete choice experiment in Atlantic salmon**

* Dalip Kumar.

**Informal Employment for Sustainable development: A case study of MGNREGA flagship scheme**

BREAK | 3:00 – 3:30pm

**LATE AFTERNOON SESSIONS | 3:30 – 5:00pm**

Room: Rifle Range Suite #1  Session: Climate Change 8 (Panel Session)


**Applications of Ecological Economics in the United States Federal Government**

Room: Officer’s Loung (Green Room)  Session: Ecological Economic Theory and Emerging Issues 4
Estimating the share of energy consumption in economic growth in Canada, 19XX-2018

Charles S. Colgan, Center for the Blue Economy- Middlebury Institute of International Studies at Monterey; Monica Grasso, Center for the Blue Economy- Middlebury Institute of International Studies at Monterey; Jeffrey Weilgus, Center for the Blue Economy- Middlebury Institute of International Studies at Monterey; Sarah Sigiel, Center for the Blue Economy- Middlebury Institute of International Studies at Monterey; Alissa Miller-Gonzalez, Center for the Blue Economy- Middlebury Institute of International Studies at Monterey.

Nature's Numbers Redux: Natural Capital in the Ocean Accounts of the United States

Lan TN Nguyen, Dartmouth College; Georgia Mavrommati, University of Massachusetts Boston; Richard Howarth, Dartmouth College.

Valuing Ecosystem Health in NH Watershed: A Choice Experiment

Room: Rifle Range Suite #2. Session: Food, Agriculture, and Natural Resources 2

Aparna Howlader, mik University.

Local Institutions, Natural Resource Management, and Economic Development: Implication of post-Dust Bowl Institutional Changes on American Agriculture

* Joshua Farley, University of Vermont.

Food as Commodity or Food as Commons?

Rumi Shammin, Oberlin College.

Community-based Climate Adaptation in Developing Countries

Gary Kleppel, University at Albany, SUNY; Fred Provenza, Utah State University.

Regenerative agriculture: Moving beyond the plant- vs meat-based debate

USSEE GENERAL MEMBERSHIP MEETING | 5:00 – 6:00pm

Meeting held in Room Officer's Club. All current USSEE Members are invited to join in this meeting.
SATURDAY, JUNE 8

EARLY MORNING SESSIONS | 8:00 – 9:30am

Room: Lecture Room (Blue Room)  Session: Food, Agriculture, and Natural Resources 3

*Hongliang Zhang, Renmin University of China; Zihan Yang, Renmin University of China; Jian Wu, Renmin University of China.

The impact of agricultural productivity on forest cover: evidence from China


Agricultural productivity and biodiversity effects: theory and evidence

Room: Rifle Range Suite #2  Session: Ecological Economic Theory and Emerging Issues 9 (Organized Session)

*Maren Poitras, filmmaker of "Finding the Money"; Rigo Melgar, Ecological Economics for All; Susan Borden, Modern Monetary Theory Advocate.

How Modern Monetary Theory Can Complement Ecological Economics Theory to Achieve Well-being for all Within Planetary Boundaries? A Film Screening and Panel Discussion of the Documentary “Finding the Monday” Hosted By Ecological Economics For All and Rethinking Economics. Discussion to be continued at lunch for those interested.

Room: Officer’s Loung (Green Room)  Session: Climate Change 5 (Discussion Group)

*Uche Okpara, University of Greenwich.

The Nexus of Climate and Conflict in the Lake Chad Region: What We Know, Don’t Know and Need to Know

BREAK | 9:30 – 10:00am
LATE MORNING SESSIONS | 10:00 – 11:30am

Room: Officer’s Lounge (Green Room)  Session: Political Economy 2

*Mario Martínez-Jiménez, Imperial College Business School, London, UK; Franco Sassi, Imperial College Business School, London, UK.

Food Taxes and Their Redistribution Effects on Nutrition Quality

Xenia Miklin, Vienna University of Economics and Business, Austria; Thomas Neier, Vienna University of Economics and Business, Austria; Simon Sturn, Vienna University of Economics and Business, Austria; Klara Zwickl, Vienna University of Economics and Business, Austria.

Carbon Giants: Exploring the top 100 industrial CO2 emitters in the EU

Room: Rifle Range Suite #1  Session: Ecological Economic Theory and Emerging Issues 1

Christos Makriyannis, Suffolk University.

The Common Structure of Economies and Biological Organisms

Jo Anne Hissey, Global Resource Bank; John Pozzi, Global Resource Bank.

Global Resource Bank (GRB)

*John Pozzi, Global Resource Bank.

Global Resource Bank Ecological Economy

Rigo Melgar, University of Vermont; Lizah Makombore, University of Vermont.

Rethinking Economics & Its Pedagogy Beyond the Halls Academia: The Case of the Ecological Economics for All Initiative

Room: Rifle Range Suite #2  Session: Political Economy 6 (Organized Session)


Panel session on Federal careers in Ecological Economics and Related Disciplines
POSTER SESSION | 11:30 – 1:30pm

Room: Officer’s Club

Dolly Pramoda, EnviroJustice PR Research Center, Puerto Rico; Isabella Muradyan, EnviroJustice PR Research Center, Puerto Rico; Victor Vasnetsov, EnviroJustice PR Research Center, Puerto Rico; and Chili Pramoda, EnviroJustice PR Research Center, Puerto Rico.

**Environmental Justice in Puerto Rico vs. Hispanic US States**

Lily Green, University of Massachusetts Boston; Pamela DiBona, Massachusetts Bays National Estuary Partnership, Boston, MA; Robert Chen, University of Massachusetts Boston; Cedric Woods, University of Massachusetts Boston; Georgia Mavrommati, University of Massachusetts Boston.

**The role of cultural values in setting environmental priorities with underserved communities**

USSEE BOARD MEETING | 11:30-1:30pm

Room: Rifle Range Suite #1

The monthly USSEE Board Meeting will be held at the Conference; all attendees are welcome.

EARLY AFTERNOON SESSIONS | 1:30 – 3:00pm

Room: Officer’s Lounge (Green Room) Session: Political Economy 3

*Christopher Kennedy, University of Victoria.

**Energy Constraints on US Macroeconomic Paradigms**

Hannah Farkas, Columbia University.

**Disastrous data: What newly digitized FEMA records tell us about the political economy of disaster aid**

Dakota Walker, University of Vermont.

**Small-scale land stewardship and just distribution of collective values under an ecological-impact weighted land value tax scheme: Results from a proof-of-concept agent-based model**
Room: Rifle Range Suite #1  Session: Climate Change 7 (Organized Session)

* James Olson, Rensselaer Polytechnic Institute (RPI); Li "Emily" Liu, RPI; Brandon Costelloe-Kuehn, RPI; William Wallace, RPI; Colin Ruble, RPI; Andrew Krause, RPI; Gavin Ditmore, RPI; Nicholas March, RPI.

Nuclear Technology as a Nexus of Government, Industry, Academia and Community Collaboration

Room: Rifle Range Suite #2  Session: Ecological Economic Theory and Emerging Issues 8 (Workshop)

* Rubaina Anjum, University of Vermont; Matthew Burke, University of Vermont.

Slowing down in the meantime: a workshop on degrowth strategy

Room: Lecture Room (Blue Room)  Session: Political Economy 4

Eshetie Woretaw Meried, University of Gondar, Ethiopia; Tefera Berihun, University of Gondar, Ethiopia; Kassahun Gashu, University of Gondar, Ethiopia; Simegn Birhan, University of Gondar, Ethiopia.

Examining the Roles of Rural Households for Enhancing Agricultural Landscape Interventions in Amhara National State: The Application of Choice Experiment Approach

* Rigo E.M. Melgar, University of Vermont; Jon D. Erickson, University of Vermont.

Rethinking the Genuine Progress Indicator from the Ground Up: Measuring the Goals of a Wellbeing Economy

BREAK | 3:00 – 3:30pm

LATE AFTERNOON SESSIONS | 3:30 – 5:00pm

Room: Officer's Lounge (Green Room)  Session: Political Economy 1

Lachlan J. Watkins, Vanderbilt University School of Law; Ashley Dancer, University of Colorado Boulder; Matthew G. Burgess, University of Colorado Boulder; Christian Suarez, University of Colorado Boulder; Renae E. Marshall, University of California Santa Barbara.

Climate Change Opinion and Recent Presidential Elections
Christopher Lant, Utah State University; Kathleen Fowler, Northern Arizona University; Kaeli Mueller, Utah State University; Suman Paudel, Utah State University; Richard Rushforth, Northern Arizona University; Laljeet Sangha, Clemson University.

Estimating Chinese consumer preference for insect-based feedstuff: A discrete choice experiment in Atlantic salmon

*Robert B. Richardson, White House Office of Management and Budget; Christopher T. Clavin, White House Office of Management and Budget.

The Federal Government’s Budget Exposure to Financial Risk from Climate Change

Room: Lecture Room (Blue Room)  Session: Climate Change 9

*Jonathan Harris, Tufts University Global Development and Environment Institute; Anne-Marie Codur, Tufts University Global Development and Environment Institute.

After COP28: The Bumpy Road to Net Zero

Juan Pablo Carvallo, Lawrence Berkeley National Laboratory; Sunhee Baik, Lawrence Berkeley National Laboratory; Alan Sanstad, Lawrence Berkeley National Laboratory; Peter H. Larsen, Lawrence Berkeley National Laboratory.

The resilience response of residential electricity customers to long duration power interruptions

Danish Hasan Ansari, University of Vermont; Joshua Farley, University of Vermont; Joe Ament, University of Vermont; Abdon Luiz Schmitt Filho, Federal University of Santa Catarina.

Eco-Currency and Sustainability: A Case of the Atlantic Forest

Room: Rifle Range Suite #1  Session: Ecological Economic Theory and Emerging Issues 6

*John Polimeni, Albany College of Pharmacy and Health Sciences; Raluca I. Iorgulescu, Institute for Economic Forecasting - NIER Romanian Academy, Romania.

A Theoretical Incentive Model for Saving the Atlantic Right Whale

Jo Albers, University of Wyoming; Irene Zapata-Morán, University of Wyoming.

The Economics of the Birds and the Bees: Private Habitat Conservation with Multiple Ecosystem Services and Market Access Costs
Raluca-Ioana Iorgulescu, Institute for Economic Forecasting-NIER, Romanian Academy, Romania; John M. Polimeni, Albany College of Pharmacy and Health Sciences.

**Transitioning to the bioeconomy: The rise of industrial hemp bio-based solutions**

Gaetano Perone, University of Pisa, Italy.

**Evaluating the relationship between CO2, GDP, renewable energy, and agricultural sector in OECD countries using the STIRPAT framework**

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**BREAK | 5:00 – 5:30pm**

**DINNER | 5:30pm Officer’s Club**

**USSEE Grant Program Announcement** | Seth Binder, St. Olaf College

**Herman Daly Award Presentation** | John Polimeni, Albany College of Pharmacy and Health Sciences

**Herman Daly Award Talk** | Jon D. Erickson, University of Vermont.

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**SUNDAY, JUNE 9**

**EARLY MORNING SESSIONS | 8:00 – 9:30am**

**Room**: Officer’s Lounge (Green Room)  **Session**: Political Economy 5 (Panel Session)

*Eshetie Woretaw Meried, University of Gondar, Ethiopia; Yuliya Rychalovska, University of Namur, Belgium.

**Monetary Policy and Income Inequality in Brazil: Structural Vector Autoregressive Approach**

**Room**: Rifle Range Suite #1  **Session**: Ecological Economic Theory and Emerging Issues 3

Mi Rang Gang, Seoul National University; Sungkyu Lee, Seoul National University.

**Empirical Analysis of Environmental Justice Issues in REDD+ Projects**
Organic Farming Transitions: A Dynamic Bioeconomic Model

Chloe A. Jackson, University of Massachusetts Boston; Georgia Mavrommati, University of Massachusetts Boston; Richard B. Howarth, Dartmouth College; Amir M. Gazar, Virginia Tech; Ryan S.D. Calder, Virginia Tech.

Mapping the qualitative and recruitment methods in deliberative valuation experiments.

LATE MORNING SESSIONS | 9:30 – 11:00am

Room: Officer’s Lounge (Green Room)  Session: Green Economy, Sustainability, and Social Well-being 5

Labanyalata Roy, Middle Tennessee State University.

Does corrupt environment impact the provision of electricity services? Evidence from USA

Gabriel Yahya Haage, McGill University.

Developing novel themes and keywords for the Sustainable Development Goals: 14 workshops with those in involved in biology/environmentalism/sustainability

Sam Bliss, University of Vermont.

The ecological economics of non-market food

Norms and Governance: Why is Climate Change Unique?

Room: Rifle Range Suite #1  Session: Pedagogy of Ecological Economics 1 (Organized Session)

*Nina L. Smolyar, University of Vermont.

Indigenous Cosmovisions are the Roots and Fruits of Ecological Economics
Room: Rifle Range Suite #2  Session: Environmental and Social Justice Session 1 (Organized Session)

*Laura Schmitt Olabisi, Michigan State University.
Leverage Points for the Sustainability Transition

BREAK | 11:00 – 11:30am

CLOSING PANEL SESSION | 11:30 – 1:00pm
Room Officer’s Club

Closing Panel Session: Bringing Younger Generations to the Table
Moderator: Laura Schmitt Olabisi, Michigan State University
Panelists: Lizah Makombore, University of Vermont; Rigo Melgar, University of Vermont; Michael Meneses, Cornell University; Allison Murphy, Oregon State University-Cascades
CONFERENCE DETAILS

**Reception Location:**
Doubletree by Hilton Schenectady Downtown | 100 Nott Terrace, Schenectady, NY 12308

**Conference Location:**
The Armory Studios NY | 125 Washington Ave, Schenectady, NY 12305

**USSEE Board of Directors attending the Conference:**
John Polimeni, President
Laura Schmitt-Olabisi, Immediate Past President
John Sorrentino, Secretary-Treasurer
Erik Nordman (virtual), Member-at-Large
Seth Binder, Member-at-Large
Michael Asaro, Member-at-Large
Michael Meneses, Graduate Student Representative
Allison Murphy, Undergraduate Student Representative