

SWEEEP 2026 Program

Southeastern Workshop on Energy & Environmental Economics & Policy

Organized by Casey Wichman and Bobby Harris, Georgia Tech School of Economics

Sponsored by the Georgia Tech School of Economics, the Georgia Tech Office of the Executive Vice President for Research, the Georgia Tech Energy Policy & Innovation Center, and the Journal of Environmental Economics and Management

THURSDAY October 8, 2026

Georgia Tech · **Marilyn A. Brown and Frank Southworth Policy Innovation Lab** · **D.M. Smith Building, Room 306 (3rd floor)** · [Google Maps](#)

9:30–10:00 am	Registration & Coffee
10:00–10:10 am	Welcome & Opening Remarks Casey Wichman, Georgia Tech School of Economics
10:10–11:50 am	SESSION 1 EMISSIONS: MEASUREMENT, MARKETS, & REGULATION <i>Full talks · 25 minutes each</i> 10:10 Learning about Greenhouse Gas Emissions from Atmospheric Inversion Data: Insights from MethaneSAT Eric Lewis (Brigham Young University), with Lauren Beatty, Ben Gilbert, Sasha Ayvazov, Tom Veness 10:35 Where Does the Marginal Methane Molecule Come From? Implications of LNG Exports for US Natural Gas Supply and Methane Emissions Brian Prest (Resources for the Future) 11:00 Taxing Variance, Not Pollution: Assessment Windows and Emissions Smoothing in South Korea Minwoo Hyun (University of Oklahoma), with Jaecheol Lee 11:25 Designing Environmental Markets to Address Community Impacts Sara Sutherland (University of California, Davis), with Danae Hernandez-Cortes, Bryan Leonard
11:50–12:40 pm	Lunch
12:40–2:20 pm	SESSION 2 CONSUMERS, PRICES, & ENERGY DEMAND <i>Full talks · 25 minutes each</i> 12:40 Impact of Flight Emissions Information on Consumer Demand: Evidence from the US Airline Industry Nafisa Lohawala (Resources for the Future), with Xuan Teng 1:05 Vehicle Miles to Be Traveled: How Fuel Prices Shape Future Electric Vehicle Usage Christy Zhou (Clemson University), with Matthew S. Lewis 1:30 Great Expect-Flations: What Energy Demand Shocks Reveal about Consumer Inflation Expectations Brigitte Roth Tran (Federal Reserve Bank of San Francisco), with Joanne Hsu 1:55 Are Survey and Mobility Data Convergent Valid for Recreation? Evidence from Iowa Lakes Daniel Phaneuf (University of Wisconsin–Madison), with Dimitris Friesen, Yongjie Ji
2:20–2:50 pm	Coffee Break

2:50–3:15 pm

SESSION 3 EGG-TIMER TALKS I

Egg-timer talks · ~7 minutes each

Infrastructure as Market Design: Location and Technology Choice on the Electric Grid

Drew Van Kuiken (University of North Carolina, Chapel Hill)

The Effects of Water System Consolidation on Drinking Water Quality and Municipal Finances

Yingyi Jin (University of Massachusetts Amherst), *with David Keiser*

Follow the Pings: Measuring Population Displacement and Return Migration after Natural Disasters

Anika Fergusson (Harvard University), *with Wolfram Schlenker*

3:15–3:30 pm

Break

3:30–4:45 pm

SESSION 4 ENERGY INFRASTRUCTURE & SUPPLY CHAINS

Short talks · 15 minutes each

3:30 Site and Scale: Data Centers, Grid Congestion, and Welfare

Xiaochen Sun (New Mexico State University), *with Jamal Mamkhezri, Yuting Yang*

3:45 Growing Pains: The Unequal Costs of Infrastructure Modernization

Ryan McCord (Duke University), *with Meera Mahadevan, Robyn Meeks, Manisha Pradhananga*

4:00 Grid Hardening and the Effectiveness of Climate Adaptation in the U.S. Electricity Sector

Madeline Yozwiak (Carnegie Mellon University)

4:15 Measuring Local Economic Disruptions with Administrative Electricity Data and Night-Time Lights

Chi Ta (University of Texas at Austin), *with Anubhab Gupta, Deepak Kumar*

4:30 Copper Supply Chain

Phuong Ho (Massachusetts Institute of Technology), *with Christopher Knittel, Nicholas Vreugdenhil*

5:00–7:30 pm

Happy Hour Reception

Location: Coda at Tech Square, Rooftop · 756 West Peachtree St NW, Atlanta, GA 30308 ·

[Google Maps](#)

FRIDAY October 9, 2026Georgia Tech · **Price Gilbert Library, Room 1280** · [Google Maps](#)**8:45–9:15 am** **Coffee & Pastries****9:15–10:30 am** **SESSION 5 CLIMATE, HEALTH, & THE BUILT ENVIRONMENT***Full talks · 25 minutes each***9:15 Data Centers, Land Use, and Housing Markets****Yining Wu** (University of Tennessee), with Tim Fitzgerald, Scott Holladay, Ben Leard, and Dale Manning**9:40 Temperature, Mortality, and Access to Utilities****Emmett Reynier** (University of Georgia), with Marshall Burke**10:05 The Value of Shade: Canopy Loss and Mortality in Urban Mexico****Alejandro del Valle** (Georgia State University), with Mathilda Eriksson**10:30–11:00 am** **Coffee Break****11:00–12:15 pm** **SESSION 6 ELECTRICITY MARKETS & THE POWER SECTOR***Full talks · 25 minutes each***11:00 Do Ownership Changes Improve Renewable Power Plant Performance? Evidence from U.S. Wind and Solar Facilities****Harrison Fell** (North Carolina State University), with Casey Rozowski**11:25 Vertical Integration and Retail Competition in Electricity Markets****Shaun McRae** (ITAM)**11:50 The Environmental Benefits of Policy Threats and Promises: Coal-to-Gas Transitions in the Electricity Sector****Charles Sims** (University of Tennessee), with Scott Holladay, Rebecca Davis**12:15–12:45 pm** **Lunch Pickup****12:45–1:45 pm** **KEYNOTE LUNCH ADDRESS****Ryan Kellogg***University of Chicago, Harris School of Public Policy***Economics of Demand-Side and Supply-Side Climate Policies****1:45–2:00 pm** **Break****2:00–3:30 pm** **SESSION 7 SHORT TALKS***Short talks · 15 minutes each***Resource & Climate Economics****2:00 Beyond Population Growth: How Fertility Shapes Household Carbon Footprint****Niaoniao You** (University of Arizona)**2:15 Prices and Quantities: Implementation of Corporate Voluntary Climate Targets****Alison Ong** (Harvard University), with Joe Aldy**2:30 Do Markets Price Changes in Economic Oil Reserves?****Diego Cardoso** (University of Illinois Urbana-Champaign), with Saraly Andrade de Sa, Julien Daubanes

2:45–3:30 pm	Environmental Policy & Compliance 2:45 Does Familiarity Breed Leniency? Inspector-Facility Tenure and Detection in California Landfill Regulation Yumin Hong (University of Richmond), <i>with Mary F. Evans</i> 3:00 Controlling Emission Leakage: Results from a Natural Experiment Bill Shobe (University of Virginia) 3:15 Environmental Regulation and Within-Firm Adjustment: Evidence from Chinese Steel Pan Chen (University of Massachusetts Amherst), <i>with Feitao Jiang, Yingjun Su</i>
3:30–3:45 pm	Break
3:45–4:15 pm	SESSION 8 EGG-TIMER TALKS II: DATA CENTERS, STORAGE, & THE GRID <i>Egg-timer talks · ~7 minutes each</i> Data Centers: Location Choice and Grid Externalities Coly Elhai (Harvard University), <i>with Yixin Zhou</i> Battery Storage and Natural Gas Generator Market Power Maghfira “Afi” Ramadhani (Georgia Institute of Technology) Does Battery Storage Erode Thermal Generators’ Local Market Power? Evidence from Texas Fanyu Wang (Columbia University) Who Pays for Growth? Evidence from Data Centers and the Grid Zhiyuan Qi (North Carolina State University), <i>with Robyn Meeks, Jacquelyn Pless, Zhenxuan Wang</i>
4:15–4:30 pm	Closing Remarks & Adjourn
5:00 pm	Informal Social Hour <i>Location: Monday Night Brewing – The Grove, 670 Trabert Ave NW, Atlanta, GA 30318 · Google Maps</i>

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