

**Tamara Lynn Sheldon**  
Curriculum Vitae

Department of Economics  
Darla Moore School of Business  
University of South Carolina  
Columbia, SC 29208

Email: [tamara.sheldon@moore.sc.edu](mailto:tamara.sheldon@moore.sc.edu)  
Website:  
[tamaralynnsheldon.wixsite.com/home](http://tamaralynnsheldon.wixsite.com/home)

**Employment**

Associate Professor of Economics	University of South Carolina	8/2021-present
Moore Research Fellow	Darla Moore School of Business, UofSC	2021-present
Assistant Professor of Economics	University of South Carolina	8/2015-07/2021
Visiting Research Fellow	King Abdullah Petroleum Studies and Research Center (KAPSARC)	3/2017- 5/2017 & 2/2018-3/2018
Financial Analyst	Lehman Brothers & Barclays Capital	2008-2010

**Education**

Ph.D. in Economics	University of California, San Diego	2015
B.S. in Environmental Engineering	Massachusetts Institute of Technology	2008

**Research**

**Publications**

Kelsea Best, Qian He, Aaron B. Flores, Donghwan Gu, Junia Howell, David R. Johnson, Yanjun Liao, Allison C. Reilly, Andrew Rumbach, Tamara Sheldon, A.R. Siders, Gabrielle Wong-Parodi, Rachel Young, Deb Niemeier (2026), "Bridging Community Resilience and Local Planning for Climate Justice," *Climate Risk Management*, 51: 100776.

Sheldon, Tamara L. and Rubal Dua (2025), "The Evolving Plug-in Electric Vehicle Landscape Amid Trade Tariffs and Strategic Responses: An Expert Opinion-Based Perspective," *Energy Research and Social Science*, 127: 104327.

Sheldon, Tamara L., Michelle Miro, and Sergio Alvarez (2025), "Understanding Home Buyer Preferences for Flood Risk and Mitigation in a Flood-Prone Region" forthcoming in *Risk and Decision Analysis*.

Sheldon, Tamara L. and Rubal Dua (2024), "Are automakers overcharging consumers for electric vehicle batteries?" *Energy Strategy Reviews*, 55: 101538.

Sheldon, Tamara L. and Rubal Dua (2024), "The Dynamic Role of Subsidies in Promoting Global Electric Vehicle Sales" *Transportation Research Part A: Policy and Practice*, 187: 104173.

Sheldon, Tamara L. and Rubal Dua (2024), "Impacts of Ride-Hailing on Energy and the Environment: A Systematic Review" *Environmental Research Letters*, 19(4): 3004.

Sheldon, Tamara L. and Rubal Dua (2024), "Consumer Preferences for Ride-Hailing: Barriers to an Autonomous, Shared, and Electric Future," *Journal of Cleaner Production*, 434: 140251.



Sheldon, Tamara L., J.R. DeShazo, and Bronwyn Lewis Friscia (2023), "Micro-targeting Consumers to Reduce Consumptive Externalities," *PLoS ONE*, 18(5): e0284338.

Sheldon, Tamara L., Rubal Dua, and Omar Al Harbi (2023), "Electric Vehicle Subsidies: Time to Ramp Up or Dial Down?" *Energy Economics*, 120: 106641.

Sheldon, Tamara L., Rubal Dua, and Omar Al Harbi (2023), "How Cost-effective are Electric Vehicle Subsidies in Reducing Tailpipe-CO2 Emissions? An Analysis of Major Electric Vehicle Markets," *The Energy Journal*, 44(3).

Sheldon, Tamara L. and Crystal Zhan (2022), "The Impact of Natural Disasters on Domestic Migration," *Journal of Environmental Economics and Management*, 115, 102727.

Sheldon, Tamara L. (2022), "Evaluating Electric Vehicle Policy Effectiveness and Equity," *Annual Review of Resource Economics*, 14(1).

Gall, Melanie, Tamara L. Sheldon, and Larianne Collins (2022), "The Economic Impact of School Closures during the 2015 flood in Richland County, South Carolina" *Risk, Hazards & Crisis in Public Policy*, 13(3): 255-276.

Sankaran, Chandini and Tamara L. Sheldon (2022), "Counting Cars: A Sustainable Development Experiential Learning Project," *Journal of Economics Teaching*, 7(1), 18-34.

Sheldon, Tamara L. and Rubal Dua (2021), "How Responsive is Saudi New Vehicle Fleet Fuel Economy to Fuel-and Vehicle-Price Policy Levers?" *Energy Economics*, 97: 105026.

Sheldon, Tamara L. and Rubal Dua (2020), "Effectiveness of China's Plug-in Electric Vehicle Subsidy," *Energy Economics*, 88: 104773.

Sheldon, Tamara L. and Crystal Zhan (2019), "The Impact of Natural Disasters on US Home Ownership," *Journal of the Association of Environmental and Resource Economists*, 6(6): 1169-1203.

Sheldon, Tamara L. and Rubal Dua (2019), "Measuring the Cost-effectiveness of Electric Vehicle Subsidies," *Energy Economics*, 84: 104545.

Sheldon, Tamara L. (2019), "Carbon Emissions and Economic Growth: A Replication and Extension," *Energy Economics*, 82: 85-88.

Sheldon, Tamara L., J.R. DeShazo, and Richard T. Carson (2019), "Demand for Green Refueling Infrastructure," *Environmental and Resource Economics*, 74: 131-157.

Sheldon, Tamara L., and Chandini Sankaran (2019), "Averting Behavior among Singaporeans during Indonesian Forest Fires," *Environmental and Resource Economics*, 74:159-180.

Sheldon, Tamara L. and Rubal Dua (2019), "Assessing the Effectiveness of California's "Replace your Ride," *Energy Policy*, 132: 318-323.



Sheldon, Tamara L. and Rubal Dua (2018), "Gasoline Savings from Clean Vehicle Adoption," *Energy Policy*, 120: 418-424.

Sheldon, Tamara L. and J.R. DeShazo (2017), "How Does the Presence of HOV Lanes Affect Plug-in Electric Vehicle Adoption in California? A Generalized Propensity Score Approach," *Journal of Environmental Economics and Management*, 85: 146-170.

Sheldon, Tamara L., and Chandini Sankaran (2017), "The Impact of Indonesian Forest Fires on Singaporean Pollution and Health," *American Economic Review: Papers and Proceedings*, 107(5).

DeShazo, J.R., Tamara L. Sheldon, and Richard T. Carson (2017), "Designing Policy Incentives for Cleaner Technologies: Lessons from California's Plug-in Electric Vehicle Rebate Program," *Journal of Environmental Economics and Management*, 84: 18-43.

Sheldon, Tamara L., J.R. DeShazo, and Richard T. Carson (2017), "Demand for Battery-electric and Plug-in Hybrid Vehicles: Policy Lessons for an Emerging Market," *Economic Inquiry*, 55(2): 695-713.

Sheldon, Tamara L. (2017), "Asymmetric Effects of the Business Cycle on Carbon Dioxide Emissions," *Energy Economics*, 61: 289-297.

Johnson, Zackary I. and Tamara L. Sheldon (2007), "A High-throughput Method to Measure Photosynthesis-irradiance Curves of Phytoplankton" with Zackary I. Johnson, *Limnology and Oceanography: Methods*, 5:417-424.

### **Book Chapters**

Sheldon, Tamara L., and Crystal Zhan. "A better place to call home: Natural disasters, climate risk, and regional migration." In *World Scientific Handbook of Global Migration: Volume 2: Global Migration: Alternative Views and Social Comparisons*, pp. 249-299. 2024.

Sheldon, Tamara L., and Rubal Dua. "Gasoline Savings from Electric Vehicles in the US." In: Contestabile, M., Tal, G., Turrentine, T. (eds) *Who's Driving Electric Cars. Lecture Notes in Mobility*. Springer, Cham. 2020.

### **Working Papers**

"Wildfires, Smoke Pollution, and Household Purchasing Behaviors" with Crystal Zhan. Revisions requested at the *Journal of Economic Behavior & Organization*.

"The Role of Marketing Research in Achieving Environmentally Sustainable Consumption and Production: Current and Future Directions" with Christoph Ungemach et al. Revisions requested at *Journal of Retailing*.

"Disaster Preparedness and Experience: Evidence from Purchases of Emergency Supplies Before and After Hurricanes" with Eren Bilen and Crystal Zhan. Under review.



“How Visualizing Chance, Risk, and Cost of Flooding Affects Homebuying Decisions” with Michelle Miro, Sergio Alvarez, and Kelly Klima. Under review.

“In the Wake of California Wildfires: Promoting Psychological Resilience for Individuals and Communities” with Sayward Harrison, Crystal Zhan, David M. Anderson, and Xiaoming Li. Under review.

“The impact of air pollution on road safety in northern California: Evidence from hyperlocal air pollution measures” with Wesley Burnett.

“Airborne Disruptions: The Educational Consequences of Wildfire Smoke in California” with Catalina Amuedo-Dorantes and Crystal Zhan.

### **Funding**

National Academy of Science Gulf Research Program Grant, Co-PI, 2019-2022. “Why Location Matters: How Smarter Decision-Making by Renters and Homebuyers Will Increase Coastal Resilience” joint with Emrich et al., \$3,403,554 (\$128,358).

California Air Resources Board (EPA), Senior Researcher, 2015-2018. “Designing Light-Duty Vehicle Incentives for Low- and Moderate-Income Households” joint with DeShazo et al., \$482,608 (\$33,530).

University of South Carolina South Carolina Resilience to Extreme Storms Grant, Co-PI, 2015-2016. “Indirect Costs of School Closures during the 2015 Flash Floods” with Melanie Gall and Larianne Collins, \$28,549.

### **Conference and Seminar Presentations**

Climate Risk Management Conference, Georgia State University	2025
Eastern Economic Association Annual Conference	2025
US Department of Ag. Economic Research Service (ERS) Virtual Seminar	2024
Environmental Health Sciences / EJ Strong Seminar, Univ. of South Carolina	2024
Southeastern Workshop on Energy & Environmental Economics and Policy at Georgia Tech	2024
Wake Forest University Economics Seminar	2024
Colorado School of Mines Economics Seminar	2024
Georgia Tech School of Public Policy Seminar	2024
National Big Data Health Science Conference, Columbia, SC	2024
Choice Symposium, INSEAD, Fontainebleau, France	2023
Civil and Environmental Engineering Seminar, Univ. of South Carolina	2023
Hazards and Vulnerability & Resilience Institute Seminar, Univ. of South Carolina	2023
University of Wyoming Economics Seminar	2023
Climate Risks Conference at Federal Reserve Bank of San Francisco	2022
Texas Tech University Economics Seminar	2022
Association of Environmental and Resource Economists’ Annual Conference	2022, 2019, 2017, 2016, 2015
Southern Economic Association Annual Conference	2021
Triangle Resource and Environmental Economics Seminar	2021
American Economic Association Annual Meeting	2020, 2018, 2017



Southeastern Energy & Environmental Economics Workshop at Georgia Tech	2019
Carolina Regional Empirical Economics Day	2019
World Congress of Environmental and Resource Economists	2018
South Carolina Applied Micro' Day	2018, 2016
University of Georgia Agricultural & Applied Economics Seminar	2017
KAPSARC Workshop on Drivers of Transportation Fuel Demand	2017
Southern Economic Association Annual Conference	2016
Camp Resources XXIII 2016	
European Association of Environmental and Resource Economists' Annual Conference	2016
4th Sporadic Experimental and Environmental Policy Workshop at Appalachian State	2016
United States Association for Energy Economics North American Conference	2015
University of Michigan Conference on Transportation, Economics, Energy, and the Environment	2014
UCLA Energy and Environmental Policy Seminar	2014
EAERE FEEM VIU Summer School	2013

### **Professional Activities and Affiliations**

Journal Referee for: Journal of the Association of Environmental and Resource Economists, Journal of Environmental Economics and Management, Nature Communications, Journal of Economic Behavior and Organization, Journal of Development Economics, Energy Economics, Environmental and Resource Economics, Energy Policy, PLOS ONE, Journal of Public Economics, Management Science, Southern Economic Journal, Regional Science and Urban Economics, Energy Research & Social Science, Economic Modelling, The Energy Journal, Empirical Economics, Journal of Macroeconomics, Australian Journal of Agricultural and Resource Economics, Emerging Markets Finance and Trade, Environmental Science and Pollution Research, Transportation Research Board, Transportation Research Record, Transportation Research Part A, Research in Transportation Economics, Journal of Cleaner Production, Climatic Change, Risk Analysis, International Review of Economics Education

Editorial Council Member, Journal of Environmental Economics and Management, 2023-present

Associate Editor, Southern Economics Journal, 2024-present

Co-editor, Energy Research Letters, 2020-2023

#### Service:

USC Bike Network Planning Advisory Group, 2017-2018

University of South Carolina

Top Scholar Selection Committee, 2020-2021

Honors College Pearce Faculty Fellow, 2023-

University of South Carolina Moore School of Business

Sustainability Initiative Taskforce, 2021- present

Online Undergraduate Business Degree Taskforce, 2021-present

Undergraduate Scholastic Standards and Petitions Committee, 2017-2020 (chair 2019-2020)

Assessment of Teaching Effectiveness & Student Learning Committee, 2018-2019, 2021-present

University of South Carolina Department of Economics

Faculty Recruiting Committee Chair, 2022-2026

Undergraduate Teaching and Curriculum Committee, 2018-2019, 2020-2021

Faculty Recruiting Committee, 2016-2018



Strategic Planning Committee, 2015-2016, 2019-present  
USC AEA CSWEP Liaison, 2014-present

**Teaching**

Environmental Economics (Undergraduate), University of South Carolina, Fall 2015, 2016, 2017, 2018, 2019, 2021, 2023; Spring 2016, 2017

Principles of Microeconomics, University of South Carolina, Fall 2018 (honors), 2019 (honors), 2020 (honors), 2021 (honors), 2022 (honors), 2023 (honors); Spring 2017, 2018

Environmental Economics (Graduate), University of South Carolina, Spring 2016

Energy Economics, University of California, San Diego, Summer 2014