

Tamara Lynn Sheldon
Curriculum Vitae

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

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Employment

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| 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

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

Research

Publications

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. and Rubal Dua (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(C): 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 (forthcoming, September 2023), “A Better Place to Call Home: Natural Disasters, Climate Risk, and Regional Migration.” In: Robert Sauer (ed) *World Scientific Handbook of Global Migration* (Singapore: World Scientific Publishing).

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.

Working Papers

“The Dynamic Role of Subsidies in Promoting Global Electric Vehicle Sales” with Rubal Dua (revisions requested at *Transportation Research Part A*).

“Impacts of Ride-Hailing on Energy and the Environment: A Systematic Review” with Rubal Dua (revisions requested at *Environmental Research Letters*).

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

“Are Automakers Overcharging Consumers for EV Batteries?” with Rubal Dua.

“Understanding and Valuing Flood Risk and Mitigation in Gulf Coast States” with Michelle Miro and Sergio Alvarez.

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

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| Choice Symposium, INSEAD, Fontainebleau, France | 2023 |
| Civil and Environmental Engineering Seminar, Univ. of South Carolina | 2023 |

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| 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, Energy Economics, Environmental and Resource Economics, Energy Policy, PLOS ONE, Management Science, Regional Science and Urban Economics, 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 Part A, Research in Transportation Economics, Journal of Cleaner Production, Climatic Change, Risk Analysis

JEEM Editorial Council Member
Co-editor for Energy Research Letters

Service:

Honors College Pearce Faculty Fellow, 2023-
USC Bike Network Planning Advisory Group, 2017-2018
University of South Carolina
Top Scholar Selection Committee, 2020-2021
University of South Carolina Moore School of Business
Sustainability Initiative Taskforce, 2021- present
Online Undergraduate Business Degree Taskforce, 2021-2024

Undergraduate Scholastic Standards and Petitions Committee, 2017-2020 (chair 2019-2020)
Assessment of Teaching Effectiveness & Student Learning Committee, 2018-2019, 2021-2024
University of South Carolina Department of Economics
Faculty Recruiting Committee Chair, 2022-2024
Strategic Planning Taskforce, 2023-2024
Undergraduate Teaching and Curriculum Committee, 2018-2019, 2020-2021
Faculty Recruiting Committee, 2016-2018
Strategic Planning Committee, 2015-2016, 2019-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