

Daniel J. Mazzone

CONTACT INFORMATION

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San Diego, CA 92109

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RESEARCH SPECIALTIES

Energy and Climate Policy, Transportation, Energy Markets, Econometrics

EDUCATION

Ph.D., Agricultural & Resource Economics, UC Davis 2017-2022
Dissertation: Decarbonizing Transportation Using Market-Based Incentives
Committee: Aaron Smith, James Bushnell, and Kevin Novan
M.A., Economics, San Diego State University 2015-2017
B.S., Economics, Cum Laude, Towson University 2011-2015

PROFESSIONAL EXPERIENCE

Researcher, National Laboratory of the Rockies 2023-Present
Lecturer, Economics Department, San Diego State University 2025-Present
Economist, M4 Consulting 2022-2023
Economist, U.S. Energy Information Administration 2022
Independent Contractor, Briscoe Economics Group (Part-Time) 2019-2021

RESEARCH EXPERIENCE

Economics Research Intern, Resources for the Future 2021
Economics Research Intern, Regional Economics Studies Institute of Towson University 2014
Research Assistant
UC Institute of Transportation Studies, UC Davis 2020-2021
James Bushnell and Severin Borenstein, DEEP, UC Davis 2020
Aaron Smith, UC Davis 2018-2019
Ryan Abman, SDSU 2016-2017
Joseph Sabia, SDSU 2015-2016

TEACHING EXPERIENCE

Teaching Associate (Primary Instructor), SDSU 2016-2017
Macroeconomics and Microeconomics
Teaching Assistant, SDSU 2015-2017
Natural Resource Economics, Macroeconomics, Statistics

WORKING PAPERS

“Pass-through of Alternative Fuel Policy Incentives: Evidence from Diesel and Biodiesel

Markets, the U.S. Renewable Fuel Standard, and State Low Carbon Fuel Standards” with Aaron Smith and Julie Witcover [Article](#)

“Uncertainty, Innovation, and Infrastructure Credits: Outlook for The Low Carbon Fuel Standard through 2030.” with James Bushnell, Aaron Smith, and Julie Witcover. [Article](#)

“Low Carbon Fuel Standards: Decade in Review” with Julie Witcover and Colin Murphy.

“Modeling Low Carbon Transportation Fuel Policies as Mixed Complementarity Problems” with Adam Christensen, Colin Murphy, and Julie Witcover (under review)

TECHNICAL REPORTS AND POLICY PAPERS

“Benefits Associated with Projects and Technologies Supported by the Clean Transportation Program: 2023 Analysis” with Roberto Vercellino, Alberto Franco, Andres Fernandes Tomon Avelino, CEC, 2025. [Article](#)

“Community Hubs to Support Energy Transition” with Wes Look and Mark Haggerty, Resources for the Future Issue Brief, 2022. [Article](#)

“Multijurisdictional Status Review of Low Carbon Fuel Standards, 2010-2020 Q2” with Julie Witcover and Colin Murphy, UC Davis ITS, 2021. [Article](#)

RESEARCH GRANTS

Breakthrough Energy	2021
U.S. Department of Transportation	2020
National Philanthropic Trust	2020
NCST Sustainable Transportation Research Grant	2020

INVITED PRESENTATIONS

San Diego State University - Economics Department	2021
AERE Annual Meetings	2020

AWARDS AND FELLOWSHIPS

Key Contributor Award (NLR)	2026
Key Contributor Award (NLR)	2025
Provost’s First Year Fellowship (UC Davis)	2017
Most Outstanding Graduate Student in Economics Award (SDSU)	2017
Weintraub Research Scholarship (SDSU)	2017
Center for Public Economics Scholarship (SDSU)	2017
Renewal of McCuen Endowed Scholarship in Economics (SDSU)	2016
McCuen Endowed Scholarship in Economics (SDSU)	2015
Departmental Honors in Economics (Towson University)	2015

COMMUNITY AND SERVICE

ARE Social Committee Organizer, UC Davis	2017-2020
Towson Economics Society Organizer, Towson University	2014-2015

PUBLIC DATA APPLICATIONS

Low Carbon Fuel Standards - R Shiny Application. [Link](#)

PROGRAMMING LANGUAGES

R (advanced), Stata (advanced), Python, and Julia