

PEDRO LIEDO

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2160 Social Sciences and Humanities
University of California, Davis
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EDUCATION

Ph.D. in Agricultural and Resource Economics, University of California, Davis	(Expected) 2026
Master of Public Policy, University of Chicago	2018
B.A. in Economics, ITAM	2015

RESEARCH FIELDS

Primary: Environmental and Energy Economics

Secondary: Public Finance and Transportation

WORKING PAPERS

Tax evasion and vehicle fleet outcomes in Mexico

Job Market Paper

This paper explores vehicle taxation policies and their implications, particularly in the context of developing countries with potentially fragile institutions. Utilizing a difference in difference per price bin identification strategy, this study examines the impact of taxation policies on vehicle registrations, avoidance behavior, and, environmental outcomes. In this paper, I estimate the magnitude of revenue loss due to tax avoidance and analyze how changes in vehicle choices affect environmental attributes. I explore how these dynamics influence the distribution of vehicle registrations and examine the trade-offs between adopting cleaner vehicles and achieving lower fuel efficiency

Supply elasticity of biofuels in the Low Carbon Fuel Standard

The Low Carbon Fuel Standard provides credits to biofuel producers once they get a pathway approved. The subsidy provided by the credit is greater the less carbon-intensive a fuel is. I use the approval of pathways as price shocks to study the change in crops planted used to produce biofuels.

Stranded assets under fuel transitions

This paper uses American real options settings to make scenario analysis on different fuel transitions and their impact on stranded assets.

CONFERENCES

AERE Summer Conference, Washington D.C.	2024
Interdisciplinary Ph.D. Workshop in Sustainable Development at Columbia University, New York	2024
Allied Social Science Associations (ASSA) Annual Meeting, San Antonio	2024

ITAM Alumni Conference, Mexico City	2023
AAEA Annual Meeting, Washington D.C.	2023
The Occasional Workshop in Environmental and Resource Economics	2023

SCHOLARSHIPS, HONORS, AND AWARDS

Giannini Foundation mini-grant (with Aaron Smith), UC Davis	2024
ARE Summer Research Fellowship, UC Davis	2024
Henry A. Jastro Graduate Research Scholarship Award, UC Davis	2023
ARE Summer Research Fellowship, UC Davis	2023
Mexican Ministry of Research fellowship for doctoral students, UC Davis	2021
Bartlett Fellowship in Environmental and Energy Economics, University of Chicago	2017
Mexican Ministry of Energy and Research fellowship for master students, University of Chicago	2016

TEACHING EXPERIENCE

Instructor, UC Davis

Summer Applied Research Course	2024
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Teaching Assistant, UC Davis

Undergraduate: Financial Management of the firm	2020
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Teaching Assistant, ITAM

Graduate: Energy and Environmental Economics	2019
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Teaching Assistant, University of Chicago

Graduate: Analytical Politics	2017
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Instructor, ITAM

Undergraduate: Introductory Microeconomics	2019
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Teaching Assistant, ITAM

Undergraduate: Introductory Microeconomics	2013-2015
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OTHER

DEI committee 2024

Student Cafe Coordinator 2023

Graduate Inclusive Education and Mentoring Training (GET) workshop 2023

Spanish (native), English (fluent), German (intermediate)

Software: R, Julia, Stata, L^AT_EX

Prior professional experience: Ministry of Finance-(Mexico)