

Sara Asgari

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Fields of Interest

Environmental Economics, Energy Economics, Public Economics

Education

Ph.D., Economics

University of Oklahoma, Norman, OK
Expected Graduation: 2026
GPA: 3.63
Advisor: Prof. Qihong Liu

M.A. in Quantitative Economics

University of Oklahoma, Norman, OK
2021 - 2023
GPA: 3.62

M.Sc. in Finance

University of Tehran, Tehran, Iran
2014 - 2017
GPA: 3.50

B.Sc. in Insurance Management

Allameh Tabataba'i University, Tehran, Iran
2009 - 2013
GPA: 3.74

Academic Appointments

Graduate Research Assistant

University of Oklahoma, Norman, OK
2023 - Present
Supervisor: Dr. Chris Malloy

Graduate Teaching Assistant

University of Oklahoma, Norman, OK
2021 - 2023

Working Papers

- [1] **Environmental Gains From Trade: Evaluating the Impact of Market Dispatch on US Electricity Generation Emissions**
Collaborative work with Dr. Qihong Liu and Dr. Chris Malloy
Examines how market dispatch policies reduce GHG emissions by optimizing electricity generation and increasing inter-regional trade.
- [2] **Extreme Weather and Market Dispatch: Assessing Grid Resilience, Costs, and Emissions**
Explores how market dispatch Power Control Areas (PCAs) respond to extreme weather events, comparing cost volatility, reliability, and emissions outcomes with non-market regions.
- [3] **How Does In-State Renewable Electricity Capacity Affect CO₂ Emissions? The Role of Renewable Portfolio Standards**
Investigates the design features of RPS, focusing on stringency and out-of-state Renewable Energy Credit trading.

Teaching Experience

Instructor of Record

University of Oklahoma, Economics Department

- *Elements of Statistics* (Undergraduate), Winter 2024-5
- *Intermediate Microeconomic Theory* (Undergraduate), Summer 2024
- *Principles of Microeconomic Theory* (Undergraduate), Winter 2023-4
- *Principles of Macroeconomic Theory* (Undergraduate), Summer 2023

References

- Dr. Chris Malloy
Assistant Professor of Economics
University of Oklahoma
Email: `christopher.malloy-1@ou.edu`
- Dr. Qihong Liu
Professor of Economics
University of Oklahoma
Email: `qliu@ou.edu`