Stanford



# Omer Karaduman

Assistant Professor of Operations, Information and Technology at the Graduate School of Business and Center Fellow at the Stanford Institute for Economic Policy Research

Operations, Information & Technology

## Bio

### BIO

Prior to coming to Stanford, Omer completed his Ph.D. in Economics at MIT in 2020, and got his bachelor's degree in Economics from Bilkent University in 2014.

His research focuses on the transition of the energy sector towards a decarbonized and sustainable future. In his research, he utilizes large datasets by using game-theoretical modeling to have practical policy suggestions.

### ACADEMIC APPOINTMENTS

- Assistant Professor, Operations, Information & Technology
- Center Fellow, Stanford Institute for Economic Policy Research (SIEPR)
- Center Fellow, Precourt Institute for Energy

### LINKS

- Personal Page: https://sites.google.com/stanford.edu/omer-karaduman

## Teaching

### COURSES

**2026-27**

- Energy Operations: OIT 678 (Spr)

**2025-26**

- Energy Operations: OIT 678 (Win)
- MSx: Operations: OIT 269 (Sum)
- Research in Operations, Information and Technology: OIT 644 (Spr)

**2024-25**

- Energy Operations: OIT 678 (Spr)
- MSx: Operations: OIT 269 (Aut, Sum)

**2023-24**

- Operations: OIT 262 (Spr)
- Research in Operations, Information and Technology: OIT 644 (Aut)

### STANFORD ADVISEES

**Doctoral Dissertation Co-Advisor (AC)**

Claire Petersen

## Publications

### PUBLICATIONS

- **Market Failure in Kidney Exchange** *AMERICAN ECONOMIC REVIEW*
  Agarwal, N., Ashlagi, I., Azevedo, E., Featherstone, C. R., Karaduman, O.
  2019; 109 (11): 4026–70
- **What Matters for the Productivity of Kidney Exchange?**
  Agarwal, N., Ashlagi, I., Azevedo, E., Featherstone, C., Karaduman, O.
  AMER ECONOMIC ASSOC.2018: 334–40