

Ismael M. Pour | Curriculum Vitae

Isenberg School of Management, University of Massachusetts Amherst
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August 2, 2025

Education

Isenberg School of Management, University of Massachusetts Amherst

PhD student in Operations Management

2023– Expected 2028

PhD Supervisor: Professor Anna Nagurney

Sharif University of Technology

PhD in Civil Engineering,

2012–2018

Major: Transportation Planning and Engineering

Sharif University of Technology

Master of Science in Civil Engineering,

2009–2011

Major: Transportation Planning and Engineering

Iran University of Science and Technology

Bachelor of Science in Civil Engineering

2004–2009

Research Interests

Agri-Food Trade Networks, Crop Insurance, Supply Chain Management, Transportation Modeling, Network Modeling

Journal Articles

- Nagurney, A., Pour, I., Kormych, B., 2026. Integrated crop and cargo war risk insurance: application to Ukraine. *International Transactions in Operational Research*, 33(1), 5-37.
- Nagurney, A., Pour, I., Samadi, S., 2024. A variational inequality trade network model in prices and quantities under commodity losses. *Journal of Nonlinear and Variational Analysis*, 8(6), 935-952
- Pour, I. M., Nassiri, H., 2017. A macroscopic traffic flow model that includes driver sensitivity to the number of free spaces ahead. *Transportmetrica B: Transport Dynamics*, 8(1), 290-306.

Conference Presentations

- Integrated crop and cargo war risk insurance: application to Ukraine (with Nagurney, A. and Kormych, B.), **POMS Annual Conference**, Atlanta, Georgia, May 8-12, 2025
- A Spatial Price Network Equilibrium Paradox (with Nagurney, A. and Nagurney, L. S.), **INFORMS Annual Meeting**, Seattle, Washington, October 20-23, 2024

Academic Experience

Graduate Research Assistant

Department of Operations and Information Management,
Isenberg School of Management, University of Massachusetts Amherst

September 2023–Present

Teaching Assistant

OIM 413: Logistics and Transportation By Professor Anna Nagurney
Isenberg School of Management, University of Massachusetts Amherst

Fall 2023

Teaching Assistant

Traffic and Highway Engineering By Professor Habibollah Nassiri
School of Civil Engineering, Sharif University of Technology

Spring 2013

Teaching Assistant

Advanced Traffic Engineering By Professor Habibollah Nassiri
School of Civil Engineering, Sharif University of Technology

Fall 2013 and Fall 2014

Instructor

Traffic Engineering
Sharif University of Technology, International Campus

Spring 2015–2022

Instructor

Transportation Engineering
Sharif University of Technology, International Campus

Spring 2016–2020

Instructor

Road Project
Sharif University of Technology

Fall 2018 and Fall 2020

Industrial Experience

Air Pollution and Transportation System Cost

Rahbord Taradod Farda Consulting Engineers

2011-2012

Strategic Study of Tehran Freight Master Plan

Institute for Transportation Studies and Research
Sharif University of Technology

2012-2013

Traffic Project Manager

Iriana Design and Plan Consulting Engineers

2014-2015

Master Plan of Iranian Commercial Ports (First and Second Phases)

Iran Sazeh Pardazi Consulting Engineers

2016-2020

Commercialization of the Port of Kish Island

Tarhe Now Andishan Consulting Engineers

2020-2021

Master Plan of Chalamchah Border Rail–Road Terminal

Tarhe Now Andisha Consulting Engineersn

2021-2022

Traffic Management Plan for Rajaei Port

Aftab Derakhshan Darya Consulting Engineers

2022-2023

Awards and Honors

Outstanding Service Award

UMass Amherst Student Chapter of INFORMS

2024

Magna Cum Laude, INFORMS Student Chapter Award <i>As Secretary of the UMass Amherst Student Chapter of INFORMS</i>	2024
Outstanding Doctoral Applicant Award <i>Isenberg School of Management, University of Massachusetts Amherst</i>	2023

Professional Services and Affiliations

Doctoral Student Center Associate <i>The Virtual Center for Supernetworks, University of Massachusetts Amherst</i>	January 2023–Present
Member <i>UMass Amherst Student Chapter of INFORMS</i>	September 2023–Present
President <i>UMass Amherst Student Chapter of INFORMS</i>	September 2024–August 2025
Secretary <i>UMass Amherst Student Chapter of INFORMS</i>	September 2023–August 2024
Member <i>Institute for Operations Research and the Management Sciences (INFORMS)</i>	Since 2023
Member <i>Production & Operations Management Society (POMS)</i>	Since 2023