Mojtaba Salarpour

Isenberg School of Management University of Massachusetts Amherst, Amherst, MA 01003, USA Email: msalarpour@umass.edu

EDUCATION University of Massachusetts Amherst Expected May 2022 Ph.D. Candidate in Management Science Sharif University of Technology M.Sc. in Transportation Planning and Engineering January 2017 K.N. Toosi University of Technology B.Sc. in Civil Engineering September 2014 **RESEARCH INTERESTS** • Supply Chain Management Humanitarian Logistics Management • Disaster Management Network Optimization Network Economics Game Theory • Transportation Planning ACADEMIC EXPERIENCE **Graduate Research assistant** Department of Operations and Information Management, Isenberg School of September 2017-present Management, University of Massachusetts Amherst Department of Civil Engineering, Sharif University of Technology January 2017 Thesis Title: Pre-disaster Planning in Transportation Networks, Considering Immediate, Short-term, and Long-term Losses - Case Study of the 2003 Bam Earthquake. **University Teaching (Instructor)** Fall 2020 • OIM 240 (online instruction): Business Data Analysis Department of Operations and Information Management, UMass Amherst Summer 2020 • OIM 301 - CPE class (online instruction): Introduction to Operations Management Department of Operations and Information Management, UMass Amherst Spring 2020 • OIM 240 (face-to-face instruction): Business Data Analysis Department of Operations and Information Management, UMass Amherst Fall 2019 • OIM 240 (face-to-face instruction): Business Data Analysis Department of Operations and Information Management, UMass Amherst **Teaching Assistant** • OIM 413: Logistics and Transportation Fall 2018 Department of Operations and Information Management, UMass Amherst, Instructor: Professor Anna Nagurney

Center Associate September 2017-prese PROFESSIONAL SERVICES/AFFILIATIONS 2019 - 203 President, UMass Amherst Student Chapter of INFORMS 2019 - 203 Treasurer, UMass Amherst Student Chapter of INFORMS 2018 - 20 Communications Director, UMass Amherst Student Chapter of INFORMS 2017 - 20 Session Chair, Revenue Management, Pricing IV, INFORMS Annual Meeting, Seattle, Washington 20 Manuscript Reviewer 200 International Journal of Production Economics 200 Annals of Operations Research 200 Professional Memberships 2017-prese The Manufacturing and Service Operations Management Sciences (INFORMS) 2017-prese Transportation Science and Logistics Society (TSL) of INFORMS 2017-prese INDUSTRY EXPERIENCE 200 MARDS AND HONORS 200 Quil Laude Award, UMass INFORMS, at the INFORMS Annual Meeting in Phoenix, Arizona 200 PUBLICATIONS 201	 OIM 413: Logistics and Transportation Department of Operations and Information Management, UMass Amherst, Instructor: Professor Anna Nagurney 	Fall 2017
PROFESSIONAL SERVICES/AFFILIATIONS • President, UMass Amherst Student Chapter of INFORMS 2019 - 202 • Treasurer, UMass Amherst Student Chapter of INFORMS 2018 - 200 • Communications Director, UMass Amherst Student Chapter of INFORMS 2017 - 200 • Session Chair, Revenue Management, Pricing IV, INFORMS Annual Meeting, Seattle, Washington 200 Manuscript Reviewer 2017 International Journal of Production Economics 2017 Annals of Operations Research 2017 Professional Memberships 2017-prese The Manufacturing and Service Operations Management Sciences (INFORMS) 2017-prese INDUSTRY EXPERIENCE 2017-prese Internship 2017-prese Civil Engineer, Housing Investment Company, Kerman, Iran. 20 AWARDS AND HONORS 20 Cum Laude Award, UMass INFORMS, at the INFORMS Annual Meeting in Phoenix, Arizona 20 PUBLICATIONS 20	Center Associate	
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 President, UMass Amherst Student Chapter of INFORMS 2019 - 202 Treasurer, UMass Amherst Student Chapter of INFORMS 2018 - 20 Communications Director, UMass Amherst Student Chapter of INFORMS 2017 - 20 Session Chair, Revenue Management, Pricing IV, INFORMS Annual Meeting, Seattle, Washington Manuscript Reviewer International Journal of Production Economics Annals of Operations Research 2017 Professional Memberships Institute for Operations Research and the Management Sciences (INFORMS) 2017-prese Transportation Science and Logistics Society (TSL) of INFORMS 2017-prese INDUSTRY EXPERIENCE Internship Transportation Planner, Tarahan Parseh Transportation Research Institute (ParsehTRI), Tehran, Iran. 200 AWARDS AND HONORS Cum Laude Award, UMass INFORMS, at the INFORMS Annual Meeting in Phoenix, Arizona PUBLICATIONS 	PROFESSIONAL SERVICES/AFFILIATIONS	
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Journal Publications

Nagurney, A., Salarpour, M., & Daniele, P. (2019). An integrated financial and logistical game theory model for humanitarian organizations with purchasing costs, multiple freight service providers, and budget, capacity, and demand constraints. *International Journal of Production Economics*, 212, 212-226.

Nagurney, A., Salarpour, M., Dong, J., & Nagurney, L. S. (2020). A stochastic disaster relief game theory network model. *SN Operations Research Forum*, 1(2), 1-33.

Salarpour, M., Nagurney, A. (2020). A multicountry, multicommodity stochastic game theory network model of competition for medical supplies inspired by the Covid-19 pandemic. Manuscript submitted for publication.

Book Chapters

Nagurney, A., Salarpour, M., Dong, J., & Dutta, P. (2020). Competition for medical supplies under stochastic demand in the Covid-19 pandemic: A Generalized Nash Equilibrium framework. To appear in: *Nonlinear Analysis and Global Optimization*, Themistocles M. Rassias, and Panos M. Pardalos, Editors, Springer Nature Switzerland AG.

Papers Presented at Conferences

Nagurney, A., Salarpour, M., & Daniele, P. (2019). An integrated financial and logistical game theory model for humanitarian organizations with purchasing costs, multiple freight service providers, and budget, capacity, and demand constraints, presented at the POMS Conference, Washington, DC, May 2-6, 2019; also presented at the 4th International Conference on Dynamics of Disasters, Kalamata, Greece, July 1-5, 2019 and at the INFORMS Annual Meeting, Seattle, Washington, October 20-23, 2019.

Google Scholar Profile: https://scholar.google.com/citations?user=iScYsjIAAAAJ&hl=en

Researchgate Profile: https://www.researchgate.net/profile/Mojtaba_Salarpour