

Maryam Hamidi, Ph.D.

Assistant Professor
Department of Industrial Engineering
Center for Advances in Port Management
Center for Midstream Management and Science

Cherry Engineering, # 2210
Lamar University, Beaumont, TX 77710
Office: (409) 880-7127
mhamidi@lamar.edu

EDUCATION

Ph.D., Systems and Industrial Engineering University of Arizona, Tucson, AZ	Aug 2011 - May 2016
M.B.A Sharif University of Technology, Tehran, Iran	Aug 2008 - May 2010
B.S., Electrical Engineering Amir-Kabir University of Technology, Tehran, Iran	Aug 2002 - May 2007

PROFESSIONAL EXPERIENCE

Assistant Professor Department of Industrial Engineering Center for Advances in Port Management, Lamar University, Beaumont, TX.	Sept 2016 - Present
Graduate Research/Teaching Assistant Department of Systems and Industrial Engineering, University of Arizona, Tucson, AZ.	2011 - 2016

RESEARCH INTERESTS

Waterway Operational Efficiency, Port and Terminal Decision Making
Reliability Engineering and Statistical Failure Analysis, Maintenance Optimization
Game Theory, Leasing and Outsourcing Contract Design

FUNDED RESEARCH PROJECTS

Deep Learning-based Anomaly Detection for Midstream Infrastructures, (Awarded \$29,652; 04/2020-08/2021). PI - Zhang, J., Co-PI - **Hamidi, M.**, Funded by Center for Midstream Management and Science, Lamar University.

A Railyard Management Software, (Awarded \$52,111; 01/2020-12/2020). PI - **Hamidi, M.**, Co-PI - Craig, B., Funded by Iron Horse Terminals, TX.

A Decision Framework for Enhancing Waterway Utilization with Application to Houston Ship Channel, (Awarded \$32,000; 09/2018-09/2019). PI - **Hamidi, M.**, Co-PI - Wu, X., Funded by Center for Advances in Port Management, Lamar University.

Mitigating Impacts of Waterway Closures on Vessel Traffic, (Awarded \$33,000; 09/2017-12/2017). PI - **Hamidi, M.**, Funded by Harris County Toll Road Authority, Houston, TX.

- { **Hamidi, M.**, Szidarovszky, F., & Matsumoto, A. "A one-cycle model in scheduling preventive replacement". In: *Proc. of Western Decision Sciences Institute, #4*, April 2016.

Book Chapter

- { **Hamidi, M.**, Maihami, R., & Rahimi, B. (2020). "Optimizing imperfect preventive maintenance policy for a multi-unit system with different virtual ages". *Games and Dynamics in Economics*, Springer.
- { **Hamidi, M.**