

## Maryam Hamidi, Ph.D.

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### EDUCATION

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

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### PROFESSIONAL EXPERIENCE

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

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### 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

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### 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.**