

Asst. Prof. Saeed Tasouji Hassanpour

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Biography

Dr. Saeed Tasouji Hassanpour is an Assistant Professor at Istanbul Technical University's Engineering Management faculty, where he teaches courses related to operations research, operations management, logistics, and quantitative methods. He holds a Ph.D. in Management-Operations Management from the Memorial University of Newfoundland, Canada.

His main areas of interest are Operations Management, Logistics and Transportation, Vehicle Routing Problems, Hazardous Material Transportation, and Scheduling. He has also worked as a Project Manager for five years at Urmia Sugar Company, where he gained hands-on experience dealing with real-life projects and cases.

In addition to his academic and industry work, Saeed has served as a course instructor in Iran and Canada. He has lectured courses such as Decision Modeling, Operations Research, Transportation Planning, Production Planning, Probability Theory, Engineering Economics, and Time and Motion Study.

Education Information

Doctorate, Memorial University of Newfoundland, Business Administration , Operations Management, Canada 2018 - 2022

Research Areas

Industrial Engineering

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A multi-stage decision framework for managing hazardous waste logistics with random release dates**
Tasouji Hassanpour S., Ke G. Y., Zhao J., Tulett D. M.
Expert Systems with Applications, vol.232, 2023 (SCI-Expanded)
- II. **Infectious waste management during a pandemic: A stochastic location-routing problem with chance-constrained time windows**
Tasouji Hassanpour S., Ke G. Y., Zhao J., Tulett D. M.
Computers and Industrial Engineering, vol.177, 2023 (SCI-Expanded)
- III. **A time-dependent location-routing problem of hazardous material transportation with edge unavailability and time window**

Tasouji Hassanpour S., Ke G. Y., Tulett D. M.

Journal of Cleaner Production, vol.322, 2021 (SCI-Expanded)

IV. **Beta-backscattering thickness-meter design and evaluation with fuzzy TOPSIS method**

Arjhangmehr A., Mohammadzadeh M., Fegghi S. A. H., Tasouji Hassanpour S.

Nukleonika, vol.59, no.2, pp.53-59, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **Solving group scheduling problem in no-wait flexible flowshop with random machine breakdown**

Adressi A., Hassanpour S., Azizi V.

Decision Science Letters, vol.5, no.1, pp.157-168, 2016 (Scopus)

II. **Solving Re-entrant No-wait Flowshop Scheduling Problem**

Tasouji Hassanpour S.

INTERNATIONAL JOURNAL OF ENGINEERING, TRANSACTIONS A: BASICS, vol.28, no.6, pp.903-912, 2015 (Scopus)

III. **Scheduling problem of virtual cellular manufacturing systems (VCMS); Using simulated annealing and genetic algorithm based heuristics**

Tasouji Hassanpour S., Bashirzadeh R.

Journal of Modern Processes in Manufacturing and Production, vol.3, no.4, pp.45-60, 2014 (Peer-Reviewed Journal)

IV. **Solving group scheduling problem in no-wait flow shop with sequence dependent setup times**

Tasouji Hassanpour S., Bashirzadeh R.

Journal of Modern Processes in Manufacturing and Production, vol.3, no.1, pp.5-16, 2014 (Peer-Reviewed Journal)