



Majid ESKANDARPOUR

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Associate Professor, Operations Management

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EDUCATION

- 2014** Ph.D., Management Sciences, Operations Management, Ecole des Mines de Nantes, France
- 2011** Master, Engineering, Industrial engineering, Tarbiat Modares University, Iran
- 2006** Bachelor, Engineering, Industrial engineering, Azad University, Iran

PROFESSIONAL CERTIFICATION

- 2011** Integrated Management System, BUREAU VERITAS, Iran
- 2007** Statistical Process Control , Pishgam Pouyesh System, Iran
- 2004** ISO 9001:2000 Standard , TUV AUSTRIA, Iran

RESEARCH INTERESTS

Facility location and network design, Logistics and supply chain management, Offshore Renewable

PROFESSIONAL EXPERIENCE

ACADEMIC:

- 2016 - 2017** Post-doc research fellow in Applied Operational Research, Portsmouth University, Portsmouth, United Kingdom

PROFESSIONAL:

- 2010 - 2011** Industrial and planning expert, Solico Group, Tehran, Iran
- 2006 - 2008** Production Planning Manager, Iran Booster Co, Iran

CONSULTING EXPERIENCE

- 2005 - 2006** Control Project expert, Farapco, Iran

COURSES TAUGHT

- Logistics modelling
- Operations management
- Computer application in industrial engineering
- Multiple objective decision making

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

Alikhani R., Eskandarpour M., Jahani H., (2023), Collaborative distribution network design with surging demand and facility disruptions, *International Journal of Production Economics*, 262(2023), pp. 108912

Irawan C. A., Starita S., Chan H. K., Eskandarpour M., Reihaneh M., (2023), Routing in offshore wind farms: A multi-period location and maintenance problem with joint use of a service operation vessel and a safe transfer boat, *European Journal of Operational Research*, 307(1), pp. 328-350

Reihaneh M., Abouei Ardakan M., Eskandarpour M., (2022), An exact algorithm for the redundancy allocation problem with heterogeneous components under the mixed redundancy strategy, *European Journal of Operational Research*, 297(3), pp. 1112-1125

Eskandarpour M., Dejax P., Péton O., (2021), Multi-Directional Local Search for Sustainable Supply Chain Network Design, *International Journal of Production Research*, 59(2), pp. 412-428

Eskandarpour M., Irawan C., Ouelhadj D., Dylan J., (2021), Simulation-based optimisation for stochastic maintenance routing in an offshore wind farm, *European Journal of Operational Research*, 289(3), pp. 912-926

Eskandarpour M., Ouelhadj D., Hatami S., Juana A. A., Khosravi B., (2019), Enhanced Multi-Directional Local Search for the Bi-Objective Heterogeneous Vehicle Routing Problem with Multiple Driving Ranges, *European Journal of Operational Research*, 277(2), pp. 479-491

Eskandarpour M., Dejax P., Péton O., (2017), A large neighborhood search heuristic for supply chain network design, *Computers & Operations Research*, 80, pp. 23-37

Eskandarpour M., Dejax P., Miemczyk J., Péton O., (2015), Sustainable supply chain network design: An optimization-oriented review, *Omega*, 54, pp. 11-32

Eskandarpour M., Masehian E., Soltani R., Khosrojerdi A., (2014), A reverse logistics network for recovery systems and a robust metaheuristic solution approach, *International Journal of Advanced Manufacturing Technology*, 74(9-12), pp. 1393-1406

Eskandarpour M., Nikbakhsh E., Zegordi S. H., (2014), Variable neighborhood search for the bi-objective post-sales network design problem: A fitness landscape analysis approach, *Computers & Operations Research*, 52(Part B), pp. 300-314

Eskandarpour M., Zegordi S. H., Nikbakhsh E., (2013), A parallel variable neighborhood search for the multi-objective sustainable post-sales network design problem, *International Journal of Production Economics*, 145(1), pp. 117-131

Forthcoming

Eskandarpour M., Hassani A., Dylan J., (2023), Health care network design with multiple objectives and stakeholders, *Annals of Operations Research*, 00(00), pp. 00

Papers in non-refereed journals

Published

Eskandarpour M., Hasani A., Soltani R., (2015), An efficient Hybrid Meta-heuristic Approach for Solving an Integrated Dynamic Layout and Transportation System Design problem, *International Journal of Engineering*, 28(8), pp. 1175-1185

Communications in refereed conferences

International

Eskandarpour M., (2023), *Routing in offshore wind farms: A multi-period location and maintenance problem* POMS2023, Paris, France

Eskandarpour M., (2021), *Simulation-based optimisation for stochastic maintenance routing in an offshore wind farm* EURO 2021 – 31st European Conference on Operational Research, Athens, Greece

Eskandarpour M., (2019), *Enhanced Multi-Directional Local Search for the Bi-Objective Heterogeneous Vehicle Routing Problem with Multiple Driving Ranges* VeRoLog 2019, Seville, Spain

Eskandarpour M., (2016), *A Risk Based Meta Heuristic Model for Real Time Route Optimisation in Autonomous Surface Vehicles* OR58, Portsmouth, United Kingdom

Eskandarpour M., (2014), *A survey of optimization models and methods for sustainable supply chain network design* ISOLDE, Naples/Capri, Italy

Non-refereed proceedings

Published

Eskandarpour M., (2014), A large neighborhood search based heuristic for supply chain network design, in: The ILS 2014 conference,(Eds.) in *Proceedings of the ILS 2014 conference, ILS 2014 conference*

Chapters in books

Published

Eskandarpour M., Ouelhadj D., Fletcher G., (2019), Chapter 11: Decision Making Using Metaheuristic Optimization Methods in Sustainable Transportation, in: Javier Faulin and Scott E. Grasman and Angel A. Juan and Patrick Hirsch(Eds.), *Sustainable Transportation and Smart Logistics, 978-0-12-814242-4, Elsevier, Amsterdam, chapter 11, pp. 285 - 304*

Nikbakhsh E., Eskandarpour M., Zegordi H., (2013), Designing a Robust Post-Sales Reverse Logistics Network, in: Ao, S.I., Gelman, L.(Eds.), *Electrical Engineering and Intelligent Systems, 978-1-4614-2316-4, Springer, New York, chapter 26, pp. 313-325*

EDITORIAL ACTIVITY

Reviewer in an academic journal

European Journal of Operational Research

Journal of cleaner production

Journal of heuristics

PROFESSIONAL SERVICE

Presentation in a seminar

Workshop of the EURO Working Group on Vehicle Routing and Logistics optimization (VeRoLog), Spain

RESEARCH ACTIVITIES

COMMITTEE CHAIR

Course coordinator of Managing resources course, IÉSEG School of Management, France