



# 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

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

## INTELLECTUAL CONTRIBUTIONS

## Papers in refereed journals

## Published

Eskandarpour M., Hassani A., Dylan J., (2025), Health care network design with multiple objectives and stakeholders, *Annals of Operations Research*, 346(2025), pp. 1027-1062

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 optimizationoriented 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

## 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

## **International**

Eskandarpour M., (2024), A multi-period location and maintenance problem with joint use of a service operation vessel and a safe transfer boat EURO 2024, Copenhagen, Denmark

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, SI., 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

## **COMMITTEE CHAIR**

## **Course Coordinator**

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