Majid ESKANDARPOUR

Ph.D., Management Sciences, Operations Management

Associate Professor, Operations Management

m.eskandarpour@ieseg.fr

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., (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

RESEARCH ACTIVITIES

COMMITTEE CHAIR

Course Coordinator

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