Marjan Olfati

Doctoral Candidate, Brunel University of London | marjan.olfati@brunel.ac.uk | Web Profile | London
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Doctoral candidate in Management Studies at Brunel University of London with extensive experience as a Graduate Teaching Assistant, Research Assistant, and lecturer in Operations & Supply Chain Management, Operations Management, Operations Research, and Operations & Technology since 2017. A proven track record in delivering both undergraduate and postgraduate teaching, including a GTA role at Brunel as part of my Studentship since 2023, a recent role as a Visiting Lecturer at City, St George's, University of London, Bayes Business School (January–April 2025), where I gained valuable insight into the university's teaching environment, and currently appointed at University College London (UCL) from September 2025.

Strong technical expertise in Logistics, Technology-enabled Supply Chains, and Operations Research, supported by peer-reviewed publications. My current Ph.D. research at Brunel focusses on post-consumption in the fashion industry, aiming toward circularity through reverse logistics and policy interventions. I was honoured to receive a prestigious scholarship from Brunel University of London.

Education

PhD Candidate in Management Studies Research, Brunel Business School, Brunel University of London, 2023–**Present**
Master of Science in Industrial Engineering, Iran University of Science and Technology | First-Class Honours
Bachelor of Science in Industrial Engineering, Mazandaran Institute of Technology

Working Experiences

Academic Experiences

Graduate Teaching Assistant at Brunel University of London, Operations Management, UK, (Sep 2025–**Present**)
Teaching Assistant at University College London (UCL), Operations & Technology, UK, (Sep 2025–**Present**)
Visiting Lecturer at City St George's, University of London, Operations & Supply Chain Management, UK, (Jan 2025–Apr 2025)
Graduate Teaching Assistant at Brunel University of London, Operations Management, UK, (Sep 2024–Dec 2024)
Research Assistant at Brunel University of London, UK, (May 2024–July 2024)
Graduate Teaching Assistant at Brunel University of London, Mobile, Social Media and Cloud Services, UK, (Jan 2024–Apr 2024)
Research Assistant in Supply Chain Network Design, Iran (Oct 2018–July 2023)
Graduate Teaching Assistant in Operations Research, Iran (Sep 2021–Feb 2022)
Graduate Teaching Assistant in Facility Planning and Plant Layout, Iran (Sep 2017–Feb 2018)
Graduate Teaching Assistant in Operations Research, Iran (Sep 2017–Feb 2018)
Graduate Teaching Assistant in Multi-Criteria Decision Making, Iran (Sep 2017–Feb 2018)

Key Responsibilities

- Delivered tutorials and lectures to students, ensuring comprehensive understanding of course material.

- Assisted in the design of exams, including developing exam questions and marking schemes.

- Marked exams and assignments, providing detailed and constructive feedback to support student development.

- Participated in exam boards, contributing to discussions on student assessments and grading.

- Provided 1-1 mentoring and academic support to students, guiding them in coursework, assignments, and exam preparation.

- Invigilated exams, ensuring fair and proper conduct align with university regulations.

Industry Experiences

Production Planning and Inventory Management Specialist, Technogas Company, Iran (Sep 2013–Aug 2014)

Key Responsibilities

Managed production planning and inventory control, using ERP systems and forecasting methods to optimize schedules, ensure material availability, and reduce waste and delays through cross-functional collaboration and process improvements.

Awards and Honours

- PhD Studentship, Awarded by Brunel University of London, 2023-2026
- Vice-Chancellor's Conference Prize for Postgraduate Research, Awarded by Brunel University of London, graduate School, April 2024

Journal Publications

- **Marjan Olfati**, and Mohammad Mahdi Paydar, (2023), Towards a responsive-sustainable-resilient tea supply chain network design under uncertainty using big data. *Socio-Economic Planning Sciences*, 88, pp.101646. (**ABS 2**) DOI: 10.1016/j.seps.2023.101646

- Mohammad Mahdi Paydar, **Marjan Olfati**, and Chefi Triki, (2021), Designing a clothing supply chain network considering pricing and demand sensitivity to discounts and advertisement, *RAIRO-Operations Research*, 55, pp.S2509-S2541. (**ABS 1**)DOI: 10.1051/ro/2020118

- **Marjan Olfati**, and Nikbakhsh Javadian, (2020), A bi-objective multi-period closed-loop supply chain network under uncertain demand, *International Journal of Applied Decision Sciences*, 13(3), pp.363-385.

- Mohammad Mahdi Paydar, and **Marjan Olfati**, (2018), Designing and solving a reverse logistics network for polyethylene terephthalate bottles. *Journal of Cleaner Production*, 195, pp.605-617. (**ABS 2**)DOI: 10.1016/j.jclepro.2018.05.218

Professional Development

Conference Participation

- INFORMS Manufacturing and Service Operations Management Society, INFORMS MSOM Conference 2025, 27–29 June 2025, London Business School, UK.

- EURO conference 2025, 22–25 June 2025, University of Leeds, Woodhouse Lane, Leeds, UK.
  Title: Leveraging Corporate Social Responsibility to Enhance Circular Fashion: Optimization of Charitable Collection Channels for Sustainability

- The annual Conference OR66, The Operational Research Society, Bangor University, Bangor, Wales, 10–12 September 2024.
  Title: Designing for circularity: a reverse logistics network of post-consumption fashion to evaluate the impact of policy interventions

- The 33rd European Conference on Operational Research (EURO 2024), Copenhagen, Denmark, the Technical University of Denmark (DTU), 30 June–3 July 2024.
  Title: A Review of the Synergistic Role of Optimisation, Game Theory, and Policy Interventions in Making the Fashion Industry Circular

- Poster Conference, Brunel University of London, Graduate School, 29 May 2024.
  Title: Fashion Circularity through Optimisation, Game Theory, and Policies: A Review

- Doctoral Symposium, Brunel University of London, Brunel Business School, 24 May 2024.
  Title: Toward a Circular Fashion Supply Chain through the Application of Game Theory, Optimisation, and Policy Intervention: A Review

- PhD Consortium for Operations and Information Systems Management (OISM), Brunel University of London, 8 March 2024.

  Title: A Review of the Synergistic Role of Optimisation, Game Theory, and Policy Interventions in Making the Fashion Industry Circular

Industry Events & Engagements

- Reuse Collection Project, Presentation, 14 June 2025

- SWAP and Repair Event, Survey, 5 April 2025

- Launching the London Textiles Action Plan, 31 March 2025

- Net Zero- Are You Waste Aware, 11 December, 2024

- CGR Textiles Deep Dive: understanding the impact of circular economy for a sustainable textile future, 3 December 2024

- Pop-Up Event, Upcyclers, 30 November 2024

- The Future of Fashion; Panel Talk, 29 November 2024

- The Future of Fashion; Panel Talk, 17 October 2024

Technical & Research Skills

Computer Skills

- Programming Languages: MATLAB, Python

- Optimization & Modelling Software: GAMS, LINGO, CPLEX

- Typesetting & Documentation: LaTeX (Beamer, Overleaf)

- Productivity Tools: Microsoft Office (Word, Excel, PowerPoint), Apple iWork (Keynote, Pages, Numbers), Google Workspace (Docs, Sheets, Slides)

- Version Control & Collaboration: Git, GitHub

Customer Service Skills

- Assisting with academic events and student-facing services

- Experience supporting students

- Marking and exam support

- Strong communication, time management, and IT literacy (Windows, Apple OS, Microsoft Office)

- Collaborative and able to work independently in dynamic environments

Research Skills

- Operations & Supply Chain Management

- Operations & Technology

- Mathematical Modelling

- Operations Research & Optimization in Logistics

- Meta-Heuristics (GA, SA, PSO, ICA, NSGAII, MOPSO)

- Multi-Criteria Decision Making (MODM, MADM)

- Supply Chain Management (Closed-loop, Reverse logistics, Sustainable, Resilient, Circular Economy)

- Logistics Management

Research Interests

- Operations Management
- Supply Chain Network Design
- Applied Operations Research
- Sustainable and Resilient Operations Management
- Supply Chain Management
- Logistics and Transportation
- Multi-Objective and Stochastic Programming Methods
- Multi-Objective Optimization
- Circular Fashion: Post-Consumption Supply Chain
- Mathematics
- Economics
- Business Management
- Statistics

Certificates

- Certificate Introduction to Learning & Teaching: Initial training for Demonstrators and GTAs, 30th September 2024
- Certificate International Online School, Sustainable Agriculture from the Erasmus, October 2020.

Course

  - Sustainable Energy Production and Management, Grade (Excellent)

- Certificate International Online Summer School, Sustainable Agriculture from the Erasmus, July 2019.

Course

  - Digital Agriculture, Grade (Excellent)
  - Energy Efficiency in Agricultural Production, Grade (Excellent)
  - Sustainable Energy Production and Management, Grade (Excellent)

References

Professor Afshin Mansouri
Professor of Operations and Supply Chain Management
Brunel Business School, Brunel University of London
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Professor Mohammad Mahdi Paydar
Vice President for Student Affair,
Professor of Operations and Supply Chain Management
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Dr S Asieh Tabaghdehi Senior Lecturer in Strategy and Business Economics
Programme Lead in BSc International Business
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