

Mehrnaz Jalali

Curriculum Vitae

Education

- 2023–Present **Ph.D. Student**, *Università di Genova (UniGe)*, Genoa, Italy
Logistics and Transport
- 2017–2023 **Ph.D.**, *Nanjing University of Science and Technology*, Nanjing, China
Management Science and Engineering. Thesis: *Advancing Sustainable Supply Chain Management: A TICs-Driven Maturity Model for SSCM Implementation*
- 2013–2015 **Master of Science**, *Sohrevardi University*, Qazvin, Iran
Accounting. Thesis: *The Supplemental Role of Operating Cash Flows in Explaining Share Returns: The Effect of Various Measures of Earnings Quality in Iran*
- 2010–2012 **Bachelor of Science**, *Zand University*, Shiraz, Iran
Accounting
- 2008–2010 **Associate of Science**, *Kazeroon Technical Institute*, Kazeroon, Iran
Accounting

Professional Experience

- Apr. 2026–Present **Project Manager – BOOST IN**, *Università di Genova (UniGe)*, Genoa, Italy
- Apr. 2026–Oct. 2026 **Visiting Research Fellow**, *World Maritime University (WMU)*, Malmö, Sweden
- Oct. 2025–Mar. 2026 **Visiting Research Fellow**, *MEA Srl*, Genoa, Italy
- 2021 **Intern**, *UNESCO Bangkok Office*, Bangkok, Thailand
- 2014–2017 **Financial Manager**, *Power Plant of Hadis Mehr Fars*, Iran
- 2013–2014 **Accountant**, *Pasargad Foundry*, Iran
- 2009–2010 **Tax Accountant**, *Motameed Hesab Fars*, Iran

Research Interests

- Energy and Digital Transitions
- Maritime Logistics and Port Operations
- Transport Economics and Policy
- Sustainable Transport and Maritime Systems
- Behavioral Decision-Making
- Alternative Marine Fuel Governance
- Decision Support Systems

Research Projects

- 2025–Present **EU Erasmus+ Project BOOST IN**, *Boosting Success through Internationalisation*, Università di Genova (UniGe)
- 2024–Present **EU Project ARESA**, *Augmented Reality-Based Solutions Applied to Maritime Logistics and Urban Transportation*, Università di Genova (UniGe)
- 2023–Present **EU Project OPTIWISE**, *Optimized Wind-Supported Vessels*, Università di Genova (UniGe)

2023–Present **EU Project RAISE**, *Robotics and AI for Socio-Economic Empowerment*, Università di Genova (UniGe)

Honors & Awards

- 2023 Awarded to Pubblica Amministrazione's Full Ph.D. Scholarship, Università di Genova, Genoa, Italy
- 2017 Awarded to Nanjing Municipal Government's Full Scholarship, Nanjing University of Science and Technology, Nanjing, China

Journal Publications

- **Mehrnaz Jalali** and Alessio Tei. *Automation and Digitalisation in Container Terminals: A Systematic Review of Work Redesign, Training and Workplace Learning, and Employment Restructuring*, *International Journal of Training Research*. [Submitted in September – Under review](#)
- **Mehrnaz Jalali**, Claudio Ferrari and Alessio Tei. *Container Terminal Automation and Workforce Transformation: A Scenario-Based Assessment of Jobs, Skills, and Labour Transition*, *Research in Transportation Business & Management*. [Submitted in August – Under review](#)
- **Mehrnaz Jalali**, Claudio Ferrari, Jawad Jan and Alessio Tei. *Modelling Port–Fleet Coordination for the Maritime Alternative Fuel Transition*, *Transport Policy*. [Submitted in June – Under review](#)
- **Mehrnaz Jalali**, Claudio Ferrari, Fabio Ballini and Alessio Tei. 2026. *From barriers to bundles: a risk-policy appraisal of alternative marine fuels*, *Maritime Economics & Logistics*. [Link to the paper](#)
- **Mehrnaz Jalali** and Alessio Tei. 2025. *Maritime Technology Attention Trends: Buzzwords, Stability, and Emerging Patterns*, *Environmental Innovation and Societal Transitions*. [Link to the paper](#)
- Bo Feng and **Mehrnaz Jalali**. 2024. *The Influence of Technological Innovation Capability on Sustainable Supply Chain Management Implementation—Evidence from Patent-Intensive Industries*, *Sustainability*, 16(12), 5183. [Link to the paper](#)
- **Mehrnaz Jalali**, Bo Feng and Junwen Feng. 2022. *An Analysis of Barriers to Sustainable Supply Chain Management Implementation: The Fuzzy DEMATEL Approach*, *Sustainability*, 14, 13622. [Link to the paper](#)

Presentations in Conferences

- **Mehrnaz Jalali**, Claudio Ferrari, Fabio Ballini, Alessio Tei. “*From Barriers to Bundles: Aligning Policy and Investment Mechanisms for the Maritime Alternative-Fuel Transition*”, 2026 IAME Conference, Singapore.
- **Mehrnaz Jalali**, Claudio Ferrari, Alessio Tei. “*Fleet Recommitment in Single-Gateway Maritime Basins under Geopolitical Uncertainty: Rebuilt Dependence and Reroutability*”, 2026 [SIM], [Norway].
- **Mehrnaz Jalali**, Jawad Jan, Nayab Ali, Alessio Tei. “*Mapping the Human Impact of Automation in Container Terminals: Challenges and Opportunities*”, 2025 IAME Conference, Bergen, Norway.
- **Mehrnaz Jalali**, Alessio Tei. “*Future of Alternative Fuels in Maritime Logistics: A Decade of Shipping Strategies and Port Infrastructure*”, 2025 Sea the Future Conference, Pattaya, Thailand.
- **Mehrnaz Jalali**, Alessio Tei. “*Trends vs. Buzzwords: A Systematic Literature Review of Maritime Technologies*”, 2024 SIET Conference, Milan, Italy.

- Hamzeh Bagheri, Zahra Momeni, **Mehrnaz Jalali**. "*Audit Quality, Agency Problems and the Quality of Financial Information*", 2016 Practical Research in the Accounting and Management Conference, Iran.
- **Mehrnaz Jalali**, Asghar Allahyari. "*Environmental Accounting Problems*", 2014 Modern Management Science Conference, Iran.
- **Mehrnaz Jalali**. "*Use of Intellectual Capital Report and Scorecard Method in Measuring Intangible Assets*", 2013 National Conference of Accounting and Management, Iran.

Non Peer-Reviewed Presentations

- Socio-Technical Evaluation of Maritime Innovations, TransportNet Ph.D. day event, May 2024

Skills

Software	EViews , Microfit, SPSS , Minitab, Super Decision, QM, Python, Unity, Unreal Engine, Blender, Celoxis
General Software	Microsoft Office Suite, LaTeX, etc.

Licenses

- A1/A3 drone license - Open category
- A2 drone license - Open category
- Standard scenario 01 and 02 drone license- Specific category - Theoretical
- Standard scenario 01 drone license - Specific category - Practical
- Crew Resource Management (CRM)
- Aeronautical Communications Management (COM)

Languages

English	Advanced
Persian	Native
Arabic, Chinese, Italian	Familiar

Reviewer of Publications

- Maritime Policy & Management
- IEEE Transactions on Artificial Intelligence