*Operations and Supply Chain Innovation*
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*Editorial*

# Inaugural Issue for *Operations and Supply Chain Innovation* (*OSCI*)

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Received: 11 October 2025; Accepted: 11 October 2025; Published: 11 October 2025

**How To Cite:** Chan, F.T.S. Inaugural Issue for *Operations and Supply Chain Innovation* (*OSCI*). *Operations and Supply Chain Innovation* **2026**, *1*(1), 1. https://doi.org/10.53941/osci.2026.100001

This is my great honour to welcome you to the inaugural issue of *Operations and Supply Chain Innovation* (*OSCI*). It is with immense excitement that we introduce this new international, peer-reviewed journal, dedicated to a field currently drawing much attention from both academicians and practitioners. For decades, the focus was on optimizing a known system—squeezing out inefficiencies, streamlining linear processes, and building lean, global networks. Today, we are urged to develop a new landscape, innovation is no longer a "talk about" activity but rather a survival kit for business growing. *OSCI* is founded to be the central platform for this critical moment.

## 1. The Scope and Ambition of *OSCI*

This journal is established to be a premier international forum for disseminating cutting-edge research and pioneering practices that will define the future of Operations and Supply Chain Management (OSCM). Our mission is dual-faceted: to push the boundaries of academic knowledge and to ensure that this knowledge has tangible, real-world impact. We strive to bridge the often-cited gap between academic rigor and practical application. The work we publish will be not only theoretically sound but also impactful, implementable, and relevant to the complex challenges faced by industrial practitioners.

However, *OSCI* aims to be more than just a repository of papers. We aspire to be a vibrant community and a catalyst for change. We invite researchers, industry leaders, consultants, and practitioners to join us in this vital mission—to share your breakthroughs, your failures, your challenges, and your vision. Together, we can co-create the intellectual foundation for the operations and supply chains of the future.

To give this mission concrete form, we have established a set of clear, actionable objectives:

(1) To Advance Knowledge on Emergent Technologies: We will champion pioneering research on the application of Artificial Intelligence, Machine Learning, Blockchain, and large-scale optimisation techniques. We are interested in how these technologies solve complex problems, from hyper-accurate demand forecasting and autonomous logistics to real-time network scheduling.

(2) To Harness the Power of Data: A core objective is to explore the transformative role of Big Data and predictive/prescriptive analytics in creating more transparent, agile, and intelligent supply networks. We seek insights that turn vast data streams into actionable intelligence.

(3) To Foster Sustainable and Resilient Systems: We are committed to featuring innovations that enhance operational resilience against disruptions while simultaneously driving meaningful progress toward a circular economy and net-zero goals. The twin imperatives of profitability and planetary health must be reconciled.

(4) To Facilitate Cross-Disciplinary Dialogue: The most profound innovations often occur at the intersections of disciplines. We will actively encourage submissions that merge insights from operations management, engineering, computer science, behavioural economics, and environmental science with core OSCM principles.

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## 2. A Call for Groundbreaking Contributions

The scope of *OSCI* is deliberately broad and forward-looking. We welcome original research papers, comprehensive review articles, and insightful short communications on a wide array of topics. These include, but are certainly not limited to:

- Modelling and Simulation of Operations and Supply Chain Systems.
- Decision Support Systems with AI Applications and AI-driven Optimization.
- Sustainability, Green Issues, and the pursuit of the Circular Economy.
- Building Resilience Against Disruptions and Uncertainties.
- The transformative potential of Big Data, E-supply Chains, Blockchain Security, and the Internet of Things (IoT).
- The impact of the Low-Altitude Economy on logistics and network design.
- Advances in Lean, Agile, and Integrated Intelligent Operations.
- Services Operations Risk Management empowered by Machine Learning.
- Performance Measurement enhanced by AI contributions.
- The overarching Impact of Digital Transformation in Supply Chain Management.

We place a special emphasis on high-quality Case Studies that provide a transparent, evidence-based look at innovation in practice. These narratives are invaluable for bridging the theory-practice divide and offering proven lessons to our community.

## 3. For Our Authors, Reviewers, and Editors

The success of *OSCI* rests squarely on the pillars of its community: our reviewers, editorial board, and authors. We are building a review process that is rigorous, fair, constructive, and timely. We seek reviewers who are not merely gatekeepers of quality but also mentors who can help authors refine and strengthen their work. Our editorial philosophy is one of collaboration. We view each submission as the start of a dialogue aimed at elevating the quality and impact of the research we publish. To our prospective authors, we are interested to see how you apply innovative ideas to the practical implications of your work.

## 4. Outlook and Future Directions

As we look to the horizon, the future of our field points toward unmanned-operations, self-correcting, and sustainable networks. The journey ahead will be chronicled in the pages of *OSCI*. We will be at the forefront, exploring the evolution toward intelligent automation, the powerful simulation capabilities of digital twins, and the critical ethical implications of ceding more decision-making to autonomous AI systems.

The questions we will tackle are profound. How do we build supply chains that are highly resilience under uncertainties? What new business models will emerge from the seamless integration of the physical and digital worlds? How do we ensure that the drive for efficiency does not come at the cost of equity and human-centricity? *OSCI* will serve as the catalyst for these essential discussions, shaping the intellectual agenda for the next decade of progress.

This inaugural issue is just a beginning. It is an open invitation to join a collective endeavour to continuously develop the systems that power our global economy. The challenges are significant, but the potential for positive transformation is immense. We are incredibly enthusiastic about the journey ahead and look forward to building the future of operations and supply chains, together.

Welcome to *Operations and Supply Chain Innovation*.

## Conflicts of Interest

The author declares no conflict of interest.