

## Special Issue on **Emerging Issues of Complexity and Disruptions in Operations and Supply Chain Management**

# CALL FOR PAPERS

Complexity and disruptions have been increasingly challenging for operations and supply chain management. In practice, managers face greater uncertainty and disruptions, due to issues such as a more volatile business environment, multiple and potentially conflicting objectives, and complex relationships along supply chains. With increasing globalisation, supply chain networks are becoming more easily disrupted. Firms encounter emerging socio-economic and political risks, such as manufacturing reshoring, changing tariffs, and international trade conflicts, all of which contribute to more disruptions in operations and supply chain management.

Companies, large or small, therefore need to address the management challenges caused by various forms of uncertainty and disruptions in their operations and supply chains. Likewise, increasing complexity due to more diverse markets, complex transactions, customer-driven manufacturing, and complicated behaviour is considered a principal cause of deteriorating operational performance and surging costs, leading to lower product and service quality, longer delivery time, and less flexibility and stability. Consequently, while the management of operations and supply chain management are now much more complex than before, this does present new opportunities to manage complexity and achieve stable and resilient operations and supply chains.

The aim of this Special Issue is to focus on analysing and exploring new theories and practices about complexity and disruptions in operations and supply chain management. We aim to gain a deeper understanding of how advanced technologies, innovative business models, and collaboration can help management and operations to enhance the performance, responsiveness, and resilience of firms and their supply chains.

Potential topics include but are not limited to the following:

- ▶ Complexity and disruption mitigation in management
- ▶ Complexity and disruption management in operations and supply chains
- ▶ Innovative strategies in operations and supply chain
- ▶ Applications of new technologies
- ▶ New approaches and decision-making tools in logistics and supply chain
- ▶ Redesigning supply chains to achieve resilience
- ▶ Man-made or natural disruptions to supply chains
- ▶ Quick response models in the presence of unforeseen disruptions
- ▶ Simulation of disruptive supply chains with uncertain events

Authors can submit their manuscripts through the Manuscript Tracking System at <https://review.hindawi.com/submit?specialIssue=982531>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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