
Call for Papers
Annals of Operations Research

Special Issue: Empowering Resilience in Supply Chain in the Era of Reglobalization

In recent times, supply chains have become more complex around the world with rapid disruptions. During the last few years, the value of intermediate goods has tripled to more than a million annually. Followed by the unprecedented supply chain shocks the global economy and enterprises are in crucial need to embrace operational resilience than ever before. As a result, global supply chain resilience and risk management have become the two most important priorities of organizations today. In general, disruption to the supply chain is found to be costly and envisioned to have adverse impacts on the enterprises. Unfortunately, there is a profound paradigm shift in supply chain management due to changing climatic conditions and ongoing pandemic circumstances. On the other hand, the increasing need for cost competitiveness and operational efficiency has made the present-day supply chain more complex and uncertain. Many of the emerging enterprises face numerous challenges in understanding the situation with the supply chain due to inadequate visibility and procurement operations

As a matter of fact, businesses depend on an ever-growing network of organizations to provide them with goods and services. Yet, many organizations are unaware of the entities involved and the risk and opportunities associated with it. Thus, many business professionals are now reassessing their assumption on global production in accordance with the new realities and trying to forecast what the future may bring with innovative tools and technologies. This means effectively using the technologies to improve the efficiency and sustainability of the supply chain by finding new routes and suppliers that permits diversification in times of crisis. However, it is highly challenging for businesses to rethink in a unique and diverse way from the perspective of reglobalization. Because the disruptions highly impacts consumer behaviour and preferences. As the demand for goods surges, enterprises across the globe have started adopting innovative technologies such as blockchain to streamline the value chain operations to secure immediate operations. The use of technologies such as big data analytics and artificial intelligence to predict and manage the demand and to find innovative strategies for distribution planning and inventory levels of critical times has become crucially important.

This special issue, **Empowering Resilience in Supply Chain in the Era of Reglobalization**, aims to discuss the implementation of digitisation and automation in place of the traditional strategies for logistics, suppliers, and inventory management. The efficient use of the technologies such as artificial intelligence, cybersecurity, and blockchain will empower efficient decision making through efficient use of the IoT data and provide detailed visibility of the products and services. Research works focusing on this background are invited for submission.

Topics of interest include but are not limited to:

- Building resilient supply chain to meet the emerging demands in the era of reglobalization
- Disruptive technologies for building more resilient supply chain
- Novel and innovative frameworks for digitising and managing the resilient supply chain

- Establishing trust, cooperation and coordination in supply chain and logistics management with digital technologies
- Role of technology in facilitating the supply chain performance
- Emerging technologies and innovative practices for establishing supply chain resilience
- Supply chain resilience in the context of reglobalization
- Role of artificial intelligence in supply chain risk management
- Fostering the changing market demands from the view of reglobalization using big data and artificial intelligence
- Risk, resilience, and rebalancing in global supply chain

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>

Authors should submit a cover letter and a manuscript by **June 30, 2022**, via the Journal's online submission site. Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, Editorial Manager. When prompted for the article type, please select **Original Research**. On the Additional Information screen you will then be asked if the manuscript belongs to a special issue, please choose the issue's title, **Empowering Resilience in Supply Chain in the Era of Reglobalization**, to ensure that it will be reviewed for this special issue.

Manuscripts submitted after the deadline may not be considered for the special issue and may be transferred, if accepted, to a regular issue.

Papers will be subject to a strict review process under the supervision of the Guest Editors, and accepted papers will be published online individually, before print publication.

Guest Editors



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