



## International Business Logistics "IBL" Journal

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Logistics research and applications are more important today than ever before. Logistics has achieved greater prominence within the business with increased awareness of its operational, strategic, and financial impact on business success. Logistics functions such as warehousing, inventory management, transportation modeling, and other logistics facilities have brought large towns and cities closer together.

In recent years, logistics and transportation technologies have developed rapidly creating a significant impact on operation management practices. Drones for transporting products to consumers, blockchain technology for ensuring data integrity and supply chain accountability, machine learning for enhancing operational efficiency in aviation and shipping applications, Intelligent Transportation Systems, and Robotic Process Automation are just a few of the novel and supportive applications. Many of these advances have resulted in substantial cost savings and increases in operating performance.

This indicates growing employment in logistics-related jobs. Companies nowadays are looking for hiring people with the requisite knowledge to deliver sustainable enhancements in the field of logistics management. Logisticians are now nearly in every industry. ***In this it can be said that logistics is the future.***

While this rapid change creates many opportunities, there are also challenges to safety and security as well as the design and integration of the logistics system itself. This raise many questions that need investigations concerning how do governments regulate and business

increasingly integrate logistics system?

I am delighted to take on the editorial role of International Business Logistics Journal "IBL". The editorial team of the journal work on offering a hub to researchers interested in the field of management, logistics, supply chain management, transportation, and all related fields. The journal aims to submit significant findings in the area of Business Logistics Research to the international community, which can support academics, scientists, suppliers, institutions, international agencies, and corporations in order to maintain new theoretical and application innovations and provide a forum for innovative thinking about new logistics challenges, practices and techniques. In this essence, our mission is to contribute to the worldwide exchange of business logistics knowledge between business managers and Academia, and report on the latest trends in business logistics to executives and academics.

On behalf of our distinguished Editorial Board, I welcome your contributions, making the role of International Business Logistics Journal "IBL" a valuable resource for authors and readers alike and thus, I would like to invite you to the upcoming special issue titled: ***"Technology-driven logistics: Our common future"***

In recent years, advances in technology have had a tremendous impact on transportation and logistics systems and shaped modern logistics trends and applications. Supply chain digital transformation allowed using the latest tech solutions together with other physical and digital assets to redesign logistics practices.

This can contribute to a fast-paced, highly competitive, omnichannel business environment (Speranza, 2018).

In addition, advanced algorithms of machine learning and data analytics would promote better supply chain execution (Govindan, et al, 2014). Also, integration into e-commerce and optimization of transportation will become the cornerstone of the productivity of the supply chain. This in turn leads to new innovations that affect other conventional logistics processes.

The emerging of the 4th industrial revolution (industry 4.0) is creating strategic opportunities for organizations to build competitive advantages in various functional

areas of management particularly logistics and supply chain management.

Logistics service providers (LSPs) and shippers start to extend the utilization of software as a service (SaaS) based platforms to strategically source capacity. Limited capacity is most of the pinnacle difficulties for today's supply chains. Hence, leveraging expandable, cloud-based resources like transportation management systems, will be vital to increasing get entry to new lanes, LSPs, and beyond. A transportation management system (TMS) provides a wealth of information by turning data into accessible knowledge (Hamilton, 2020).

## References

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- [2] Hamilton, F. (2020). The Top 5 Logistics Trends to Know For 2021. MercuryGate Report, Retrieved from <https://mercurygate.com/blog-posts/the-top-5-logistics-trends-to-know-for-2021/>. (Accessed 5.5.2021).
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## Biography

*Dr. Elgazzar has a PhD in supply chain finance from the University of Huddersfield (UK). She is certified Trainer and Instructor, The International Federation of Freight Forwarders Associations (FIATA), Genève and, The International road union (IRU), Switzerland.*

*Dr. Elgazzar participated in a number of consultancy projects in the area of logistics for Egypt and the Arab region. She participated in a number of EU projects. Dr. Elgazzar designed the reward system for several companies in food retail sector. She also developed a performance system for managing supply chain operations and implemented in FMCG sector.*

*Dr. Elgazzar participated in designing and implementing the logistics and the financial systems of supplying the commodities to the Egyptian food subsidy system. She was a steering committee member and coordinator of "Gameeti project", a franchise project for commodity offering job opportunities for more than 14000 young people.*

*Dr Elgazzar's current research interests are in the areas of logistics, supply chain financial management and supply chain performance*