



The Role of Industry 4.0 in Supply Chain Management

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Message from the Guest Editors

The focus of this Special Issue (SI) lies at the intersection of supply chain management and I4.0, specifically on how I4.0, along with its enabling technologies, is reshaping the theory and practice of Supply Chain Management (SCM).

Some of the questions this SI wants to answer are:

- Is there an actual relationship between SCM and I4.0?
- Is it possible to quantitatively evaluate the impact of I4.0 on SC performance?
- How are the I4.0 technologies supporting novel operating modalities of SCs?
- How to discriminate the impact of the various I4.0 technologies on the effectiveness and efficiency of SCs? Is it possible to classify these technologies in some way?

With this Special Issue, we want to solicit research endeavours that help answer some of the above questions but also dissect the multifarious reality that characterizes manufacturing SCs in the I4.0 era. Specifically, beyond technology-driven supply chain management applications, we welcome contributions with quantitative and qualitative methodologies, analytical and data-driven optimisation, and simulation.





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