



Advanced Technologies and Smart Supply Chains

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Message from the Guest Editors

Dear Colleagues,

The COVID-19 pandemic has stressed the need to develop more resilient supply chains based on innovative, digital, and smart technologies that help to strengthen the sustainability of supply chains and business. The “smart supply chain” vision includes a supply chain-wide systematic use of “smart” implementations at different levels, not just considering the single/cross-department and enterprise levels, but also the business-to-business level. This includes the deployment of advanced technologies such as IoT, big data analytics, smart machines/products, augmented reality, and additive manufacturing, among others, within the company's internal processes but also with their suppliers and customers. The objective is to develop a new set of capabilities in supply chain management processes such as interconnectivity and information transparency, fully enabling data collection and real-time communication across all supply chain stages, intelligent decision-making, and efficient and responsive processes.





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