

Special Issue

Digital Transformation of the Agri-Food Industry and Supply Chains to Take On the Challenges of Sustainability

Message from the Guest Editors

In the path to Industry 5.0, governments from all over the world are building strategic frameworks to sensitize, support and guide agri-food industry and supply chains (AFSC) toward the accomplishment of sustainable innovation processes.

The agri-food industry does indeed not only address a primary need of people and have a relevant impact on planet but is also considered strategic in the transformation process and should be promoted in view of the creation of a sustainable, inclusive and resilient society. Reducing the environmental impact, managing social issues, solving supply chain network design problems, tackling the economic pressure, fulfilling the needs expressed by conscious and more demanding consumers and complying with regulations represent the main challenges that agri-food companies are called upon to resolve.

In this scenario, Agriculture 4.0, which involves a set of methodologies and technologies capable of transferring data and information and managing knowledge along the entire AFSC, could play a strategic role.

This Special Issue aims at exploring the use of digital transformation to address the current challenges facing the agri-food industry and supply chains.

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