

Special Issue

Industry 4.0 Impacts on Lean Production Systems: Sustainable Practices

Message from the Guest Editors

The pervasiveness of innovative digital technologies is profoundly transforming the way industrial systems are being operated. New production and logistics paradigms as well as more conscious and sustainable approaches to operating industrial systems are becoming standard for companies. In line with these premises, the aim of this Special Issue is to solicit contributions investigating the interconnection of Lean Manufacturing methodologies, Industry 4.0 technologies and impacts on the Triple Bottom Line (TBL) of sustainability. Contributions may include mathematical models, theoretical approaches and frameworks, as well as successful implementations of the new digital technologies, and their integration with lean practices for sustainable development. Scientific works showing the enabling as well as empowering effects of Lean Manufacturing methodologies or Industry 4.0 concepts and technologies on economic, ecological and social sustainability aspects of Supply Chain Management and Manufacturing Management are highly appreciated.

Guest Editors

Prof. Dr. Massimo Bertolini

Prof. Dr. Mosè Gallo

Dr. Mattia Neroni

Dr. Patrick Dallasega

Deadline for manuscript submissions

closed (30 March 2022)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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