

Special Issue

Trends of Industry 5.0: Smart Systems, Sustainable Production and Lean Thinking Applications

Message from the Guest Editors

Dear Colleagues, Industry 4.0 brings ambitious changes to our whole society, and Industry 5.0 complements its “human-centric” and “efficiently intelligent” aspects and aims for more sustainable development. This Special Issue intends to promote discussion among researchers and engineers; share their thoughts, concepts and applications in this field; and submit their results to this collection, which covers aspects related to the trends of Industry 5.0, including, but not limited to:

Lean thinking applications

Reduce waste—maintain sustainability goals, improve the processes and production system and try our best to reduce the waste generated during manufacturing;

Discussion between Industry 4.0 and Industry 5.0;

Smart manufacturing systems and smart factories, virtual factories, the Internet of Things;

Logistics, transportation and supply chain management;

New technologies and innovative digital technologies in Industry 5.0—digital twins, big data, machine learning, artificial intelligence, blockchain.

Guest Editors

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Deadline for manuscript submissions

closed (10 August 2024)



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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

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