

Special Issue

Sustainable Manufacturing Systems

Message from the Guest Editors

This Special Issue aims to present the state-of-the-art theoretical developments and applications of Industry 4.0 technologies for sustainability in manufacturing and maintenance processes in various industry sectors. Topics of interest include: the drivers and barriers of advanced technology implementation for sustainability in manufacturing and maintenance; industrial AI, machine learning, and deep learning in manufacturing for sustainable manufacturing and maintenance; modelling and simulation for sustainable manufacturing and maintenance processes; digital-twin-driven intelligent manufacturing and maintenance for sustainability; Big Data analytics and data-driven solutions for sustainable and resilient production and maintenance; Internet of Things solutions in manufacturing and maintenance for sustainability; predictive and prescriptive maintenance for sustainability; human factors, industrial ergonomics, and safety in smart and sustainable production and maintenance systems; skills and competencies for digitized smart work in production and maintenance; Logistics 4.0 for sustainability in manufacturing and maintenance.

Guest Editors

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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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