

Special Issue

Smart Sustainable Techniques and Technologies for Industry 5.0

Message from the Guest Editors

We invite you to submit an original article or literature review to this Special Issue to promote the integration of artificial intelligence (AI) technologies and smart methods and their management in industrial and organizational settings. We provide a few examples of possible topics below, but we welcome papers on any topic related to the subject of this Special Issue:

Collaborative and smart robotics;
Human-centric workplace design and control;
AI for smart and sustainable manufacturing;
Intelligent support systems to assist workers in their increasingly complex tasks;
Smart quality assurance and intelligent inspection;
Machine learning and big data analytics for sustainable and resilient manufacturing;
Digital twins modelling in the Industry 5.0 era;
Additive manufacturing technologies;
Energy efficiency in manufacturing and industry;
Machine learning and Big data analytics in manufacturing and logistics;
Sustainable supply chain management;
Predictive maintenance for sustainable operations;
Virtualization and simulation techniques for manufacturing decision making;
Data-driven decision making in production and operations;
Smart process control for sustainable operations;

Guest Editors

Prof. Dr. Yuval Cohen
Dr. João Reis
Prof. Dr. Maurizio Faccio

Deadline for manuscript submissions

closed (30 June 2025)



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About the Journal

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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