

Special Issue

Sustainable Industrial Engineering and Quality Management

Message from the Guest Editors

Sustainable industrial engineering is essential for tackling challenges like resource depletion, pollution, and climate change. Industrial and quality management systems help ensure efficient, consistent, and eco-friendly processes. Embedding sustainability supports long-term value and reduces environmental impact. This Special Issue will focus on advancing sustainability in industrial engineering through innovative manufacturing, quality management and process control approaches. It encourages interdisciplinary research on eco-efficiency, lifecycle thinking, and responsible production. We welcome high-quality original research articles. Topics of interest include, but are not limited to, the following:

- Sustainable quality process control and monitoring systems;
- Sustainable quality engineering and environmental performance;
- Sustainable supplier quality management;
- Green quality control systems and indicators;
- Quality assurance in product-service systems;
- Eco-design and design for quality in green products;
- Quality strategies in circular economy and green manufacturing;
- Digital twins and Industry 4.0 applications in sustainable manufacturing.

Guest Editors

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Dr. Kashinath Chatterjee

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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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