Special Issue

Total Quality Management and Lean Manufacturing: A Total Sustainability Management Framework

Message from the Guest Editor

In this Special Issue, we encourage researchers to repurpose or customize the systemic design of integrated management framework in order to contribute to the development a new operations management paradigm shift. A non-exhaustive list of possible topics is outlined below:

- Re-purposing total quality management into total sustainability management, from both a technical and conceptual perspectives.
- Can the contribution from lean to sustainability be extended beyond manufacturing processes?
- Which operation management tools can be repurposed to measure and characterize sustainability issues?
- What are the boundaries of sustainable operations and supply chain management? Are there limits to what the discipline can achieve in terms of sustainability impact? What are the wider societal constraints to designing truly sustainable operations systems?
- How can we resolve the product-process divide in sustainable operations?
- Papers presenting operations solutions to legacy sustainability problems.
- Papers that empirically measure sustainability tradeoffs

Guest Editor

Dr. Michel J. Leseure

School of Mechanical and Design Engineering, University of Portsmouth, Portsmouth PO13DJ, UK

Deadline for manuscript submissions

30 November 2025



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/210192

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

