



Production Line Optimization and Sustainability

Guest Editors:

Prof. Artur Karczmarczyk

Faculty of Computer Science and
Information Technology, West
Pomeranian University of
Technology in Szczecin,
Żołnierska 49, 71-210 Szczecin,
Poland

akarczmarczyk@wi.zut.edu.pl

Dr. Jarosław Wątróbski

The Faculty of Economics and
Management, University of
Szczecin, ul. Mickiewicza 64, 71-
101 Szczecin, Poland

jaroslaw.watrobki@usz.edu.pl

Deadline for manuscript
submissions:

31 October 2021

Message from the Guest Editors

The topic of Production Line Optimization and Sustainability is currently highly relevant and deserving of attention. At present, considering the clearly noticeable climate changes and the recent geopolitical and social situation, production has been evolving in a more green and sustainable direction. This requires optimization towards sustainability, which implies the harmonization of various social, environmental, and economic aspects. This enforces a completely perspective, incorporating multiple, often conflicting, aims, and presents multiple challenges. Simple indices focused on maximizing benefits or reducing costs are no longer sufficient for production line optimization, and are being superseded by multi-factor methods and approaches.

This Special Issue will focus on exploring decision support methods and frameworks for production line optimization and sustainability. We invite contributions focused on assessment theories and practical indices and frameworks for production line optimization and evaluation. Approaches utilizing multi-criteria decision analysis methods are especially welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)