

Special Issue

Advances in Green Manufacturing and Optimization

Message from the Guest Editors

This Special Issue on “Advances in Green Manufacturing and Optimization” is to report the latest advancements in green manufacturing, with a focus on the development and deployment of new analytical models, frameworks, optimization algorithms, and management strategies aiming at improving the sustainability of manufacturing. The ultimate goal of this Special Issue is to foster the dissemination of high-quality research in terms of theory and practices related to green manufacturing automation. Topics include, but are not limited to:

- Modeling and optimization of energy-aware manufacturing
- Modeling and optimization of demanufacturing and remanufacturing;
- Green process design and operation: production planning and scheduling
- Green product design
- Materials for green manufacturing
- Artificial intelligence and machine learning in green manufacturing for product quality and process control
- Life-cycle assessment: streamlined methods and case studies
- Sustainable manufacturing practices
- Smart paradigms for sustainability in manufacturing

Guest Editors

Prof. Dr. Michele Dassisti

Department of Mechanics, Mathematics & Management, Polytechnical University of Bari, Piazza Umberto I, 1, 70121 Bari BA, Italy

Dr. Shixin Liu

College of Information Science and Engineering, Northeastern University, Shenyang 110000, China

Deadline for manuscript submissions

closed (20 April 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/82589

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

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))