

Special Issue

Industry 4.0 and Application of Artificial Intelligence System in Operation Management

Message from the Guest Editor

In this Special Issue, original research articles and comprehensive reviews are welcome. We encourage submissions that explore, but are not limited to, the following research areas:

- Digital Twins Development
- Life Cycle Analysis Applications in Manufacturing
- Industry 4.0 and Sustainable Manufacturing
- Application of Artificial Intelligence in Operation Management
- Lean Manufacturing Techniques for Sustainable Production
- Green Optimization Strategies
- Circular Economy Models in Manufacturing
- Case Studies of Sustainable Manufacturing Practices
- Quantitative and Qualitative Metrics for Sustainability Assessment
- Barriers and Drivers of Sustainable Manufacturing Adoption
- Technological Innovations Supporting Sustainable Practices

I look forward to receiving your contributions and fostering a rich dialogue on sustainable practices in manufacturing. Together, we can advance knowledge and foster actionable insights that contribute to a more sustainable future. Join us in this important endeavor to promote sustainability within the manufacturing sector.

Guest Editor

Prof. Dr. Jose Antonio Marmolejo-Saucedo

Facultad de Ciencias Físico Matemáticas, Universidad Autónoma de Nuevo León, San Nicolás de los Garza, Nuevo León, Mexico

Deadline for manuscript submissions

31 August 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/227695

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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)