

## Special Issue

# Industrial Engineering for Sustainable Industry

### Message from the Guest Editor

In recent years, the use of fossil fuels such as coal and petroleum has rapidly increased with population growth, and the forests in some countries and regions have been extensively lost due to large-scale fires and deforestation. These mean massive emissions of carbon dioxide and the function decline in carbon dioxide absorption have resulted in the climate crisis, characterized by temperature rise and extreme weather that can affect human daily life. Relevance conferences have been held internationally to establish rules and targets for aiming at the development of realistic actions and solutions. In the industry, it is fundamental to carefully and effectively utilize physical management resources, such as workers and the machines and robots that support them and the materials that transform products and services. To address this issue, industrial engineering has contributed greatly by developing theories and methods from various viewpoints such as the study of time and human motion, process analysis, and the design of lean and safe operations in a supply chain.

---

### Guest Editor

Prof. Dr. Koichi Murata

Department of Industrial Engineering and Management, College of Industrial Technology, Nihon University Room110, Floor 1, Building 30, Izumi 1-2-1, Narashino City, Chiba, Japan

---

### Deadline for manuscript submissions

closed (31 December 2020)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/41108](https://mdpi.com/si/41108)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)