

## Special Issue

# Modelling and Analysis of Sustainability Related Issues in New Era

### Message from the Guest Editor

Smart Manufacturing of Industry 4.0 was first proposed at Hanover Fair, Germany, in 2011, which received a great deal of attention from various nations. Under Industry 4.0, there are great changes in production processes, production planning and control, quality assurance, internal control, cost determination, and other management issues. However, it is expected that it can create positive sustainability impacts along the whole value chain. This Special Issue welcomes contributions on the modelling and analysis of sustainability-related issues in the new manufacturing environment (any phase from Industry 3.0 to Industry 4.0), including economic, social, and environmental dimensions of sustainability, and other related issues, such as green optimization, green sustainability modelling in various industries, sustainable manufacturing, sustainable development, sustainability reporting, sustainability accounting, energy saving and carbon emission reduction, etc. Both original research articles, as well as review articles, are welcome.

### Guest Editor

Prof. Dr. Wen-Hsien Tsai

Department of Business Administration, National Central University,  
Jhongli, Taoyuan 32001, Taiwan

### Deadline for manuscript submissions

closed (31 December 2018)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/15456](https://mdpi.com/si/15456)

*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. *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 0C5, 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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