



## Building Sustainable Industry 4.0: Efficiency, Effectiveness, Evaluation, Development Frameworks

Guest Editors:

**Dr. Aldona Kluczek**

**Dr. Bartłomiej Gładysz**

**Dr. Jacek Szymczyk**

**Dr. Patrycja Żeleń**

Deadline for manuscript  
submissions:  
**closed (31 August 2022)**

### Message from the Guest Editors

Nowadays, the industrial sector has started to shift towards a novel paradigm which places emphasis on sustainable Industry 4.0. The Industry 4.0 concept results in many changes and challenges, not only in production processes but also in structures and companies' various fields of activities (for example, in management, logistics, communication, etc.).

This Special Issue aims to collect theoretical and empirical studies that contribute to building sustainable Industry 4.0.

This Special Issue will include, but is not limited to, the following topics:

- Measures and effects of sustainable Industry 4.0 from different perspectives;
- New approaches to sustainable I4.0 assessment;
- The role and importance of energy efficiency in the improvement of industrial processes and sustainability performance;
- Efficiency, effectiveness, and efficacy measurements for sustainability and I4.0 initiatives;
- Technology management and assessment of I4.0 initiatives and sustainability programs;





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

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

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)