



## Advanced Industrial Engineering: Innovation, Risk and Flexible Manufacturing 2nd Edition

Guest Editors:

**Dr. Vladimíra Biňasová**

Department of Industrial Engineering, University of Zilina, Univerzitná 3215/1, 010 26 Zilina, Slovakia

**Prof. Dr. Branislav Micieta**

Department of Industrial Engineering, University of Zilina, 010 26 Zilina, Slovakia

Deadline for manuscript submissions:

**closed (29 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

Advanced industrial engineering (AIE) is a major direction of current and future technological development, and also a strategy of European development and research. AIE arises from the need to apply new innovative technologies to create a better position for production companies in global and knowledge-based society. Special attention is continuously given to the problems of new manufacturing technologies and modern conceptions of manufacturing systems that allow us to make high-quality products with a high level of effectiveness and a proper level of flexibility. Given the importance of sustainable development and the rapid development of new literature in this field, this Special Issue will enrich the literature with a wide range of discussions, contributing to the development of further research in the field of advanced industrial engineering, sustainable development in industry and other relevant topics.

This Special Issue seeks high-quality works focusing on the following topics:

- Management;
- Sustainable development;
- Industrial assembly technologies;
- Manufacturing engineering of composite materials;
- Paradigms of modern manufacturing system designs;





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](#)