



## Current Research in Life Cycle Sustainability Assessment and Circular Economy

Guest Editors:

**Dr. Yan Xu**

School of Management,  
Northwestern Polytechnical  
University, Xi'an 710072, China

**Dr. Bhumika Gupta**

Management, Marketing and  
Strategy, Institut Mines-Telecom  
Business School, Research Lab:  
LITEM, 91011 Evry, France

**Dr. Umar Farooq Sahibzada**

AABC, Liaoning University,  
Shenyang, China

Deadline for manuscript  
submissions:

**closed (1 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

Life Cycle Sustainability Assessment (LCSA) and Circular Economy (CE) have gained much attention in recent years due to the urgent need for sustainable development and resource efficiency. LCSA provides a comprehensive framework for assessing the environmental, social, and economic impacts of products and systems throughout their life cycle. By adopting a life-cycle perspective and applying circular economy principles, companies can improve their environmental performance, increase resource efficiency, and create value through innovative business models and practices.

This Special Issue is intended to highlight the latest research and advancements in the fields of LCSA and CE. We welcome contributions covering a wide range of topics in LCSA and CE. Research areas may include (but not limited to) the following:

- Integrated life cycle assessment frameworks;
- Life cycle assessment of circular products and materials;
- Circular economy business models;
- Emerging technologies and circular economy;
- Social impacts of circular economy;
- Circular economy policy and governance;
- Circular economy in specific sectors;
- Metrics and indicators for circular economy.





an Open Access Journal by MDPI

## 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

## 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.

## 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, AGRIS, 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](https://twitter.com/Sus_MDPI)