

## Special Issue

# Circular Economy Strategies for Urban Resource Management and Sustainable Growth

### Message from the Guest Editor

While the traditional waste-management system considers waste an *end-of-life* product of consumption, zero waste challenges this notion by recognizing the transformation of waste into new resources that are converting waste into resources and energy and building up an urban-based circular economy. To transform the linear economy into a sustainable circular economy, products must be manufactured robustly using clean technology and innovation so that consumers can reuse them. This SI investigates the relationship between urban resource management, sustainable growth, and circular economies. We invite researchers and practitioners in the field of environmental sustainability to submit their latest work, including but not limited to the following areas:

- ICT innovation and circular economies
- Urban-mining process and resource management
- Sustainable-packaging management
- Life-cycle assessments
- IT-enabled circular models
- Governance and urban zero-waste management
- CO<sub>2</sub> carbonation
- Circular economies and extended-producer-responsibility scheme
- Challenges to circular economies in Developing Nations

---

### Guest Editor

Prof. Dr. Farid Shirazi

1. Ted Rogers School of Information Technology Management, Toronto Metropolitan University, Toronto ON M5B 2K3, Canada

2. Institute for Innovation and Technology Management, Toronto Metropolitan University, Toronto ON M5B 2K3, Canada

---

### Deadline for manuscript submissions

closed (31 January 2025)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

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



[mdpi.com/si/200358](https://mdpi.com/si/200358)

*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)