

## Special Issue

# Resource Management in Urban Districts – a Contribution to Sustainable Urban Development

### Message from the Guest Editors

This Special Issue focuses on the efficient and effective management of resources in the built environment to encourage a more sustainable development of urban districts. Here, resources include energy, water, soil, area and land use, urban green, and materials. Original research on resource management in the built environment, on the sharing economy, on urban development, on quantification, monitoring and optimization of resource usage and its impacts, on disruptive technologies, on new management and business models, and related topics are welcomed. Additionally, the monitoring of air, water, emissions, dust, noise, debris, and waste and the assessment of improvement measures are part of sustainably managed urban resources. This Special Issue aims at bringing together natural science, social science, engineering, and management approaches to increase the impact of research onto resource usage, management, and investment decision making. We would like to invite contributions regarding the following three major aspects:

- (1) The basics of urban material flow analyses and resource management;
- (2) Resource assessment;
- (3) Strategies and recommendations for action

---

### Guest Editors

Dr. Rebekka Volk

Institute for Industrial Production (IIP), Karlsruhe Institute of Technology (KIT), 76187 Karlsruhe, Germany

Prof. Dr. Thomas Luetzkendorf

Centre for Real Estate, Karlsruhe Institute of Technology (KIT), 76187 Karlsruhe, Germany

---

### Deadline for manuscript submissions

closed (1 June 2022)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

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



[mdpi.com/si/87427](https://mdpi.com/si/87427)

*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)