

## Special Issue

# Construction and Demolition Waste: Challenges and Opportunities

### Message from the Guest Editors

This Special Issue aims to provide a better comparison and assessment of the application potentials of construction and demolition waste in building materials. In particular, the topics of interest include, but are not limited to, the following aspects: (a) Physical, chemical, mechanical, and durability properties of C&DW aggregates, fillers, and cementitious materials; (b) Classification and processing techniques for C&DW; (c) Design of concrete and mortar mixes using C&DW; (d) Life cycle assessment of construction materials using C&DW; (e) Novel applications of C&DW.

---

### Guest Editors

Prof. Dr. Anibal Maury-Ramirez

Architecture Department, Faculty of Design Sciences, University of Antwerp, 2000 Antwerp, Belgium

Dr. Jaime A Mesa

Department of Industrial Engineering, Pontificia Universidad Javeriana, Cra. 7 No 40-62, 110231 Bogotá D.C., Colombia

---

### Deadline for manuscript submissions

closed (15 December 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/52398](https://mdpi.com/si/52398)

*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. 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

---

## 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)