

## Special Issue

# Decarbonization of Cement and Concrete: Towards Sustainable Construction Practices

### Message from the Guest Editors

This Special Issue aims to compile the latest research regarding vital subjects, such as

- Low-carbon cement, concrete, and structure
- Carbon capture in cement and concrete
- Recycling demolished concrete
- Sustainability in construction
- Innovative mix designs for concrete
- Cement and concrete production optimization
- Intelligent structures and materials
- Durability studies with advanced functionality
- Life cycle analysis

---

### Guest Editors

Dr. Carlos Fernandez

Dr. Chao Zeng

Dr. Wenyu Liao

Dr. Yunsen Wang

---

### Deadline for manuscript submissions

closed (31 August 2025)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

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



[mdpi.com/si/202166](https://mdpi.com/si/202166)

*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)