

Special Issue

Recycled Construction and Demolition Materials for Sustainable Development

Message from the Guest Editors

Waste materials produced during construction and demolition (C&D) activities cause severe environmental and economic problems worldwide. Whereas, research conducted in recent years has shown that recycled or reclaimed C&D materials have the potential to provide a more sustainable approach to development. In this Special Issue of *Sustainability*, we aim to publish contributions of experimental, analytical and numerical investigations that evaluate the performance of construction materials fully or partially consisting of C&D waste. Submissions are also sought from research works regarding new developments of recycling technologies related to C&D waste. Both original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Properties of recycled C&D materials;
- Soil stabilization using C&D materials;
- Solid waste management;
- C&D materials in road pavements;
- Environmental impact assessment;
- Mechanical and structural performance;
- New construction technologies;
- Case studies and/or field trials.

Guest Editors

Dr. Susanga Costa

School of Engineering, Deakin University, Geelong 3216, Australia

Prof. Dr. Balunaini Umashankar

Department of Civil Engineering, IIT Hyderabad, Kandi, Sangareddy 502284, India

Deadline for manuscript submissions

closed (16 March 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/141127

Sustainability

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)