

Special Issue

Construction and Demolition Waste Management for a Sustainable Future

Message from the Guest Editors

The aim of this call, as well as the Special Issue, is to cultivate and showcase both theoretical and practical insights that facilitate a comprehensive exploration of waste management issues in the construction industry and challenges from diverse perspectives. Specific topics of the Special Issue include but are not limited to the following:

- Understanding and analysis of the composition and characteristics of construction and demolition waste;
- Construction and demolition waste minimization strategies;
- Innovations in waste recycling in the construction industry;
- Construction and demolition waste environmental impact assessment;
- Circular economy approaches to construction and demolition waste;
- Waste management in the life cycle analysis and assessment of built structures;
- Construction and demolition waste management planning;
- Integrating digital tools and BIM technology for improved construction and demolition waste management;
- Economic aspects of construction and demolition waste management;
- Sustainable practices of handling construction and demolition waste.

Guest Editors

Dr. Michał Juszczuk

Dr. Tomáš Hanák

Dr. Michał Pyzalski

Deadline for manuscript submissions

closed (8 March 2026)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

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