

Special Issue

Circular Economy in Construction: Innovations, Challenges, and Sustainable Practices

Message from the Guest Editors

The construction industry is one of the largest global consumers of raw materials and energy, generating significant environmental impacts and waste. In response, the transition to a **circular economy (CE) model** is essential for reducing resource depletion, minimizing waste, and promoting sustainable and resilient built environments. This Special Issue aims to explore **innovative materials, construction techniques, policy frameworks, and business models** that contribute to circularity in the construction sector. We welcome submissions on topics including but not limited to:

- circular economy in construction
- sustainable building materials
- waste valorization in construction
- construction and demolition waste (CDW) management
- bio-based and recycled materials
- life cycle assessment (LCA) in construction
- digitalization and Industry 4.0 in circular construction
- regenerative and Net-Zero buildings
- policy and governance for circular construction
- carbon footprint reduction in the built environment

Guest Editors

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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.

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