

# Special Issue

## New Challenges in Construction: Functional Materials and Waste Recycle

### Message from the Guest Editors

This Special Issue serves as a platform for researchers, practitioners, and industry stakeholders to delve into the multifaceted landscape of construction materials and waste management, highlighting emerging trends, innovative solutions, and future directions. Moreover, the issue of waste management looms large over the construction industry, with vast amounts of materials being discarded each year. However, within this challenge lies an opportunity: the prospect of recycling and repurposing construction waste to minimize environmental impact and foster a circular economy. By embracing innovative recycling techniques and sustainable practices, we can mitigate the environmental footprint of construction activities while simultaneously unlocking economic benefits. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Construction materials;
- Functional materials;
- Waste recycling;
- Circular economy;
- Built environment;
- Recycling.

We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

31 March 2026



## Sustainability

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### Editor-in-Chief

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