

## Special Issue

# Sustainable Design and Performance Analysis of Structure and Building Materials

### Message from the Guest Editors

This Special Issue explores the integration of these solutions to address challenges in low-carbon material innovation, enhancing resource efficiency and cost-effective retrofitting of urban infrastructure. Potential topics for this issue include, but are not limited to, the following:

- **Traditional techniques:** theoretical modeling, numerical simulations, and experimental testing.
- **Innovative solutions:** AI-driven material property prediction, data-driven design optimization, and advanced composite materials.
- **Hybrid approaches:** integration of traditional systems with emerging technologies.
- **Case studies:** cost-effective retrofitting of urban infrastructure and sustainable material applications in construction projects.

We look forward to your contributions.

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### Guest Editors

Dr. Mengtao Wu

Dr. Fangcheng Liu

Dr. Tao Li

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### Deadline for manuscript submissions

31 December 2025



Sustainability

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CiteScore 7.7



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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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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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