

## Special Issue

# Sustainable Building: Renewable and Green Energy Efficiency

### Message from the Guest Editors

As the urgency to mitigate climate change impacts, the building sector stands at the forefront of the shift toward a sustainable future. This issue explores innovative solutions and cutting-edge research that drive the integration of renewable energy sources and efficiency actions in building practices. The goal is to showcase interdisciplinary research and practical applications that inspire a paradigm shift in sustainable building renovation practices. This issue aims to contribute to the creation of resilient, energy-efficient buildings that will benefit future generations. Researchers and industry experts are encouraged to submit their insights and advancements to help drive the building industry toward a more sustainable future. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Net Zero Buildings
- Renewable/green energy resources
- Smart Grid
- Hydrogen Energy Solutions
- AI-driven Energy Analytics
- Green Retrofitting
- Building Information Modelling (BIM)
- Smart Buildings
- Building Carbon Emissions
- Building Energy Management

### Guest Editors

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### Deadline for manuscript submissions

7 November 2025



## Sustainability

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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. *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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