

Special Issue

Green Building Intelligence: Evaluating Energy Efficiency and Renewable Energy Solutions

Message from the Guest Editors

Achieving carbon neutrality in the built environment hinges on the integration of innovative renewable energy technologies and rigorous energy efficiency evaluations in green buildings. This special issue invites contributions that examine both the technological innovations and performance assessments necessary to optimize renewable energy systems in building design. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Building-Integrated Renewable Energy Systems.
- Energy-Efficient Building Designs.
- Smart Energy Management for Buildings.
- Renewable Energy for Urban Infrastructure.
- Scaling Renewable Energy from Buildings to the Grid.
- Energy Storage Technologies.
- Renewable Energy in Rural and Agricultural Contexts.
- Policy and Economic Models.
- Socio-Economic Impacts.
- Cross-Sectoral Applications.

This special issue invites interdisciplinary research that spans the entire spectrum of renewable energy deployment—from individual buildings to expansive energy networks—providing holistic and scalable strategies for achieving carbon neutrality.

Guest Editors

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Deadline for manuscript submissions

30 April 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/242189

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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.

Editor-in-Chief

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