

Special Issue

Renewable Energy Integration and Application in Buildings for Carbon Neutrality

Message from the Guest Editors

The Special Issue covers all aspects of science and technology concerned with renewable energy development, utilization, storage, and integration with building systems. Topics covered include but are not limited to:

- Renewable energy technologies (solar thermal, solar photovoltaic, wind, geothermal, etc.) and their integration with buildings
- Green building materials
- Energy demand and management, and smart buildings
- Climate responsive architectural design
- Energy efficient building envelope and system
- Low-energy architecture
- Hydrogen and fuel cell technology integrated with buildings
- Building energy systems, conservation, and generation
- Economics of green building and cost models/methods
- Emerging technologies for sustainable facilities and infrastructure
- Full-spectrum solar energy utilization in buildings
- Thermal and electrical energy storage systems
- Radiative sky cooling technologies integrated with buildings
- Energy sharing and trading among building sectors

Guest Editors

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Deadline for manuscript submissions

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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