

Special Issue

Renewable Energy in Smart Cities

Message from the Guest Editors

The rapid urbanization of the 21st century has placed unprecedented demands on energy resources, infrastructure, and environmental sustainability. Smart cities, powered by renewable energy, are emerging as a transformative solution to these challenges. We invite researchers, practitioners, and policymakers to contribute innovative research that addresses the technical of this transition. **Keywords:**

- Renewable energy integration.
- Smart grids.
- Urban sustainability.
- Energy-efficient buildings.
- IoT for energy management.
- Decentralised energy systems.
- Climate-resilient cities.

Key areas of interest:

- Advanced renewable energy technologies for urban environments (e.g. solar, wind, geothermal).
- Smart grid systems and energy storage solutions for cities.
- IoT and AI-driven energy management in smart cities.
- Energy-efficient building design and retrofitting.
- Decentralised and community-based energy systems.
- Technical frameworks and models for renewable energy adoption.
- Climate resilience and adaptation strategies for urban energy systems.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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