

Special Issue

Advances and Applications in Renewable Energy and Sustainable Buildings

Message from the Guest Editors

The rapid economic recovery after the pandemic in 2021 and the resulting rapid increase in the prices of natural gas, electricity, and oil have deepened the current global energy crisis. Researchers are currently investigating measures to alleviate the effects of the global energy crisis and contribute to decarbonization. These include advances in and applications of renewable energy and sustainable buildings that focus on improving the energy efficiency of buildings, the indoor climate, and lifecycle costs. Therefore, the aim of this SI is to collect state-of-the-art experimental, economic, and theoretical studies covering various advances in and applications of renewable energy and sustainable buildings. This will enable the exchange of knowledge and experience in the planning, and management of modern renewable energy technology applications and solutions for sustainable buildings.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Sustainable, energy-efficient solutions for building partitions
Passive buildings technology
Innovations in sustainable buildings

Guest Editors

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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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