

Special Issue

Energy Saving Measures, Renewable and Storage Integration Economic and Environmental Potential in Building Sector

Message from the Guest Editor

On a global scale, buildings are considered major energy consumers, contributing immensely to greenhouse gas emissions. Currently, the world is taking serious steps towards sustainability. To mitigate global warming risks, implementing efficient measures in buildings has become essential. This Special Issue is oriented towards such potential energy-saving measures. It focuses on energy savings and the environmental and economic impact of different measures. This is a core focus of sustainability to ensure a better future for generations to come. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Energy-saving measures in different building systems and processes.
- Economic potential of energy-saving parameters in different buildings.
- Environmental impact of energy-efficient parameters in different buildings.
- Integration of renewable energy to sustainable buildings.
- Energy storage systems in building applications.
- Smart grids and advanced metering techniques.
- Load management strategies for a resilient grid.

Guest Editor

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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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