

Special Issue

Photovoltaics for Buildings: New Applications and Perspectives

Message from the Guest Editors

This Special Issue aims to explore innovative developments and cutting-edge research in the integration of photovoltaic technologies within building infrastructure. As global energy demands and environmental concerns rise, the need for sustainable and efficient energy solutions has never been more critical. This Special Issue will focus on novel applications, design strategies, technological advancements, and real-world implementations that enhance the synergy between photovoltaic systems and building environments. Topics of interest include, but are not limited to, the following:

- Innovative design and architecture for photovoltaic integration;
- Advances in photovoltaic materials and technologies for buildings;
- Energy management and optimization in photovoltaic-equipped buildings;
- Case studies of photovoltaic applications in residential, commercial, and industrial buildings;
- Policies, regulations, and incentives for the adoption of building-integrated photovoltaics;
- Impact of photovoltaic systems on building aesthetics and performance;
- Smart grid and IoT applications in photovoltaic buildings.

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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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