

## 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

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### Guest Editors

Dr. Maria Krechowicz

Faculty of Management and Computer Modelling, Kielce University of Technology, Al. 1000-lecia Państwa Polskiego 7, 25-314 Kielce, Poland

Dr. Adam Krechowicz

Faculty of Electrical Engineering, Automatic Control and Computer Science, Kielce University of Technology, Al. 1000-lecia Państwa Polskiego 7, 25-314 Kielce, Poland

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### Deadline for manuscript submissions

30 September 2026



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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