

## Special Issue

# New Advances in Building Physics and Renewable Energy

### Message from the Guest Editors

This Special Issue covers a broad range of topics:

- New insulation and building envelope materials;
- Building partitions (e.g., energy-efficient, with a thermal barrier, made of phase change materials);
- Advances in air, heat, and moisture modeling;
- Case studies of new building physics solution application;
- Interactions with the building's internal environment, inhabitants, materials, construction type, and systems applied;
- Innovative building's design solution and their energy performance;
- Innovations in renewable energy solutions;
- Hybrid renewable energy systems;
- Safety-related aspects of renewable energy;
- Advances in various renewable energy technologies (biomass, photovoltaic, solar thermal, wind energy, ocean energy, and hydro power technologies).

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### Guest Editors

Prof. Dr. Jerzy Z. Piotrowski

Prof. Dr. Rafał Porowski

Dr. Maria Krechowicz

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### Deadline for manuscript submissions

closed (28 February 2023)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

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