



*energies*



an Open Access Journal by MDPI

## Volume II: Heat Transfer and Heat Recovery Systems

Guest Editors:

**Prof. Dr. Jan Danielewicz**

Faculty of Environmental  
Engineering, Wrocław University  
of Science and Technology,  
Wybrzeże Wyspiańskiego 27, 50-  
370 Wrocław, Poland

**Dr. Krzysztof Rajski**

Faculty of Environmental  
Engineering, Wrocław University  
of Science and Technology,  
Wybrzeże Wyspiańskiego 27, 50-  
370 Wrocław, Poland

Deadline for manuscript  
submissions:

**30 April 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present recent advances in heat transfer technology and heat recovery systems for sustainable development. While many efforts are devoted to heat recovery systems, there is a need to innovate and implement solutions in this very broad field. We invite manuscripts that cover heat exchangers, HVAC systems, wastewater heat recovery, hybrid photovoltaic–thermal collector (PV/T), and industrial waste heat recovery. Both experimental and theoretical research studies are welcome, and papers are not restricted to the aforementioned topics.

### Keywords:

- heat transfer;
- heat recovery system;
- heat exchanger;
- energy savings;
- energy efficiency;
- heating;
- ventilation;
- air conditioning;
- waste/drain water heat recovery;
- PV/T collector;
- heat pipes/thermosiphons;
- heat pump;
- low-temperature waste heat.



[mdpi.com/si/130161](https://mdpi.com/si/130161)

Prof. Dr. Jan Danielewicz  
Dr. Krzysztof Rajski  
Guest Editors

**Special Issue**



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)