



## Enhancement of Heat Transfer and Energy Recovery

Guest Editors:

**Dr. Tian Zhao**

**Dr. Huimin Wei**

**Dr. Wei Shao**

Deadline for manuscript  
submissions:  
**closed (30 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

Due to the current energy and environmental challenges, improving energy efficiency is of great importance and urgency. Boosting the performance of energy transport processes and utilizing energy sources in depth are two independent but effective approaches for this purpose. Studies on these two topics are attracting significant and increasing interest in the communities related to energy studies in recent years.

This Special Issue of *Sustainability* is organized to provide a forum for cutting-edge studies on these two issues. High-quality original research articles, reviews, and perspectives are welcome. Regarding the intensification of transport processes, this Special Issue concentrates on heat transfer enhancement, as around 80% of energy is transported in the form of heat. From the perspective of energy recovery, this Special Issue is dedicated to the recovery of waste heat as well as the utilization of solar and geothermal heat resources. Novel materials, devices, cycles, and system integrations are of interest, as is the optimization of current technologies.

We are looking forward to receiving your contributions.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

## 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.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)