

Special Issue

Emerging Technologies and Research on the Heat Transfer and Energy System

Message from the Guest Editors

Heat transfer is almost always accompanied by the generation, storage, transportation, and recovery of energy. An in-depth understanding of the physical mechanism of heat transfer has further promoted its wide application in energy systems. By enhancing heat transfer and improving the utilization and recovery rate of the energy system, the sustainable utilization of energy can be strengthened. Given the significance of heat transfer and energy systems, this Special Issue will focus on topics of emerging technologies and research on heat transfer and energy systems as outlined below. This topical issue is dedicated to the frontiers of heat transfer and energy systems, ranging from emerging technologies and research on heat transfer to relevant industrial applications of energy systems. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Enhanced heat transfer;
- Phase change heat transfer;
- Radiative heat transfer;
- Energy storage;
- Thermal management;
- Thermal metamaterials.

Guest Editors

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Deadline for manuscript submissions

closed (17 July 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/163965

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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.

Editor-in-Chief

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