



Enhancement of Heat Transfer and Energy Recovery

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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.





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Message from the Editor-in-Chief

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