

## Special Issue

# Sustainable Energy: Research on Heat Transfer and Energy Systems

### Message from the Guest Editor

The global demand for sustainable energy solutions continues to grow in response to mounting environmental pressures, rising energy demands, and the urgent need to reduce greenhouse gas emissions. A key challenge lies in the development of clean, efficient, and scalable technologies that not only harness renewable resources but also ensure effective thermal and energy management across various systems. Heat transfer and energy systems research plays a critical role in this context, as it directly affects the performance, efficiency, and feasibility of sustainable energy technologies, ranging from solar and geothermal energy to advanced hydrogen production, energy storage, and industrial decarbonization. This Special Issue aims to highlight recent advances and emerging research trends in sustainable energy and heat transfer. We seek to collect contributions that explore thermal management strategies, approaches to system integration, and experimental or modeling efforts that support the development of cleaner, more efficient, and economically viable energy solutions.

### Guest Editor

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### Deadline for manuscript submissions

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**Sustainability**

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### Editor-in-Chief

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