

## Special Issue

# New Advances in Heat and Mass Transfer and Thermal Management in Energy Systems—2nd Edition

### Message from the Guest Editors

In this Special Issue titled "New Advances in Heat and Mass Transfer and Thermal Management in Energy Systems—2nd Edition", we emphasize the importance of heat and mass transfer with regard to energy systems. We explore innovative research, novel techniques, and cutting-edge developments that address the challenges and opportunities in this field. Contributions to this Special Issue can cover a broad range of topics related to heat and mass transfer in energy systems, including, but not limited to, the following:

- **Heat transfer enhancement techniques.**
- **Mass transfer phenomena in energy systems.**
- **Thermal management in energy systems.**
- **Computational modeling and simulation.**

We invite researchers and experts from academia, industry, and government institutions to contribute their original work to this Special Issue. We believe that these articles will provide valuable insights into the importance of heat and mass transfer in energy systems and present novel advancements that contribute to developing efficient and sustainable energy practices. Thank you for your support, and we look forward to receiving your contributions.

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### Guest Editors

Dr. Qianghui Xu  
Dr. Zhilong Cheng  
Dr. Junyu Yang

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### Deadline for manuscript submissions

closed (15 May 2026)



## Energies

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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