



Special Issue on
Thermal Engineering, Heat Transfer, and Energy Efficiency
Call for Papers

Thermal Engineering, Heat Transfer, and Energy Efficiency addresses the principles, technologies, and applications involved in the generation, transfer, conversion, storage, and utilization of thermal energy. Research in this area examines conduction, convection, radiation, phase-change phenomena, heat exchangers, thermal systems, refrigeration, combustion, and thermal management across a wide range of engineering applications. Particular attention is given to improving energy utilization, reducing thermal losses, enhancing system performance, and developing efficient solutions for industrial, building, transportation, and energy systems. Emerging research also investigates advanced heat-transfer materials, thermal energy storage, waste heat recovery, renewable thermal technologies, and innovative approaches for achieving more efficient and sustainable energy systems.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Thermal Engineering, Heat Transfer, and Energy Efficiency**. Potential topics include, but are not limited to:

- Heat transfer
- Thermal systems
- Thermal management
- Heat exchanger design
- Thermal energy storage
- Energy conversion
- Energy efficiency
- Waste heat recovery
- Refrigeration systems
- Air conditioning
- Combustion engineering
- Thermofluid systems
- Phase change phenomena
- Renewable thermal energy
- Building energy systems
- Industrial thermal processes

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Thermal Engineering, Heat Transfer, and Energy Efficiency**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	January 18th, 2027
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Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at

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