# Special Issue

# Numerical Simulation of Thermofluid Dynamics

## Message from the Guest Editor

This Special Issue has been proposed to highlight recent advancements in thermofluid dynamics modeling and simulation. We invite researchers to submit original research and review papers in the context of new ideas and current research to this Special Issue. Many engineering and environmental sciences research topics concentrate on combining flow, heat/mass transfer and thermodynamics aspects. Turbulent, multicomponent, multiphase flows, phase change, combustion, transient microscale, fluid stability and thermal energy systems are all areas of interest in thermofluid dynamics. Thermofluid dynamics are challenging to model and numerically simulate because of their complexities. On the other hand, much work remains to improve modeling and calculation algorithms and achieve robust simulators that incorporate essential physics.

## Guest Editor

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## Deadline for manuscript submissions

closed (20 January 2022)

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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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