

## Special Issue

# Modelling Techniques of Heat and Mass Transfer in Energy Conversion Processes

### Message from the Guest Editors

This Special Issue aims to cover a large variety of modeling techniques in the scope of the heat and mass transfer operations encountered in energy conversion processes (solar, marine, geothermal, thermochemical conversion, and thermal energy storage). The next generations of energy collector and distributor systems are complex, requiring new experimental and numerical findings as close as possible to real working conditions. Consequently, this Special Issue invites papers related to the following subjects:

- Computational fluid dynamics tools;
- Averaging methods;
- Model reduction method;
- Non-invasive methods;
- Remote sensing;
- Analytical and inverse methods;
- Optimization methods;

This list is not exhaustive. Papers focusing on modeling approaches or applications are welcomed.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 March 2023)



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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

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