

Special Issue

Heat and Mass Transfer between Separated Phases

Message from the Guest Editor

Separated phases in multiphase flow dictate several issues in science and technology, such as formation of flow regimes, evaporation, condensation, droplet combustion, drying, and segregation of solids.

Separated phases manifest themselves as gas-liquid, solid-liquid, or solid-gas flows. Heat and mass transfer between these separated phases remain a challenge to the multiphase flow scientists and engineers. This Special Issue will collect research that addresses challenges and countermeasures related to these issues. We welcome original and unpublished research work in areas including (but not limited to) the following:

- Heat convection
- Mass transfer
- Spherical-cap bubble
- Flotation bubble
- Flow regimes
- Bubble interaction
- Flash evaporation
- Gas hydrates
- Desalination
- Carbon dioxide
- Ocean disposal
- Nanofluids

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2021)



Energies

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Impact Factor 3.2
CiteScore 7.3



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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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