



## The Role of Nanofluids in Renewable Energy Engineering

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Deadline for manuscript  
submissions:

**closed (28 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to bring together the latest research findings on heat transfer by nanofluids with a strong emphasis on the problems related to renewable energy.

More specifically, modelling and experimental works on the following topics are of immediate interest. For instance:

- Numerical simulation related to the potential applications of nanofluids engineering;
- Analytical and numerical models for the applications of nanofluids;
- The application of novel nanofluids to renewable energy engineering;
- The rheology of nanofluids in renewable energy engineering;
- The application of Hybrid nanofluids;

Further, this Special Issue welcomes contributions on micro-, meso- and macro-scale modelling approaches to heat transfer in nanofluids and those on the novel numerical, experimental and theoretical techniques pertinent to nanofluids.

See more information in <https://www.mdpi.com/si/94008>

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## Editor-in-Chief

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## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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