Special Issue

Thermal Energy Modelling for Renewable Energy Applications

Message from the Guest Editor

Regarding the electricity share of energy resources, thermomechanical energy conversion is still predominant regardless of whether it comes from traditional fossil fuel power plants, nuclear energy or renewables such as biomass, solar thermal energy and geothermal. So developing highly efficient heat and power thermal energy systems will be crucial for sustainable development.

The Special Issue seeks to capture the latest research in thermal energy modelling with a clear interest in thermodynamics optimization, advanced thermal conversion systems, buildings' energy efficiency and heat transfer characterization, regardless of whether it is for heat generation or electricity production for renewable energy applications.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Thermo (ISSN: 2673-7264) is an international, peer-reviewed, and open access journal that publishes original research papers, reviews, and Special Issues dealing with experimental, theoretical, and applied thermal sciences. Both theoretical (simulation) and/or experimental research papers within our journal's scope are of particular interest, including satellite-related topics considering thermophysics, solubility phenomena, chemical thermodynamics, and chemical engineering. We encourage scientists to publish their results in as much detail as possible, and there is no restriction on the maximum length of papers. We greatly appreciate suggestions for enhancing the journal.

Editor-in-Chief

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