

Special Issue

Applied Thermodynamics

Message from the Guest Editor

This Special Issue of Applied Sciences invites the submission of original and innovative research addressing engineering thermodynamic topics such as renewable and sustainable system optimization, e.g., solar, wind, hydro, geothermal, and biomass, nuclear power generation, electrical and hybrid vehicles' cycle optimization, lithium-ion batteries, and fuel cells' energy storage and conversion. This Special Issue also welcomes the submission of more fundamental applied research in topics such as, but not limited to, thermoelectricity, statistical thermodynamic applications to system analysis, effects of the second law of thermodynamics in designing thermodynamic cycles, energy storage, dissipation and degradation, non-equilibrium applications, magnetohydrodynamic power generation, bioengineering and biomedical systems, and ecosystem energy conversions, addressing issues such as the greenhouse effect and air and water pollution.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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