Special Issue

Thermodynamic and Exergy Analyses of Cooling, Power, and Energy Systems

Message from the Guest Editor

Thermodynamic and exergy analyses provide better insight for the design, development, optimization, and performance improvement of these cooling, power, and energy systems. This Special Issue aims to address the current pressing problems in the development of advanced and innovative cooling, power, and energy systems using thermodynamic and exergy analyses. Papers are invited that investigate thermal and operational characteristics of novel and creative systems, and improved conventional cooling power and energy systems. Topics may include studies on the system components and whole cycles related to the cooling, energy, and power systems. Additionally, papers are welcome that deal with the thermodynamic process of the currently hot and new technologies that are proposed for energy savings or for the purpose of environmental protection. System and components optimization through thermodynamic and exergy analyses for performance enhancement is also very welcome.

Guest Editor

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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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