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Thermal Energy Modelling for Renewable Energy Applications

Guest Editor:

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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.



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Special Issue