Special Issue

Development, Analysis and Optimization of Sustainable Thermal Energy Systems and Technologies

Message from the Guest Editors

This Special Issue on the “Development, Analysis, and Optimization of Sustainable Thermal Energy Systems and Technologies” aims to curate and present ongoing efforts and recent advances in the development, analysis, and optimization of sustainable thermal energy technologies. The issue welcomes experimental, analytical, and numerical investigations aimed at developing and optimizing the corresponding technologies. The topics include, but are not limited to:

- Thermal systems for distributed energy generation
- Low carbon energy systems for space heating and cooling
- Solar thermal/power energy systems
- Geothermal energy systems
- Emerging sustainable thermal energy technologies
- Sustainable thermal energy systems and net-zero energy buildings
- Heat transfer in sustainable thermal energy systems
- Thermodynamic optimization of sustainable thermal energy systems
- Thermal energy storage

Guest Editors

Dr. Mwesigye Aggrey
Department of Mechanical and Manufacturing Engineering, University of Calgary, Calgary, AB T2L 1Y6, Canada

Dr. Mohammad Moghimi Ardekani
Department of Engineering, Staffordshire University, College Road, Stoke-On-Trent ST42DE, UK

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Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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