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

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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



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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