Special Issue

Sustainable and Renewable Thermal Energy Systems

Message from the Guest Editors

Sustainable and renewable thermal energy systems have attracted the attention of energy professionals and researchers as efficient and sustainable solutions for heating, cooling and industrial process heating applications. These technologies are capable of delivering the required thermal energy at different temperature levels and can be adapted from small- to large-scale applications. However, low-efficiency thermal storage and the high cost of such devices are still challenging aspects that need more improvement and consideration. Furthermore, the application of optimization algorithms and artificial intelligence techniques in renewable thermal energy systems create the potential for improving the performance, prediction and system operation. The current Special Issue seeks novel research on renewable thermal solutions. considered a state-of-the-art alternative for climate protection and reducing CO2 emissions. Contributions to this Special Issue are expected to address the most relevant challenges in renewable thermal systems in terms of performance, operation and cost. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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