

## Special Issue

# Sustainability in the Development of Renewable Energy Technologies and Thermal Engineering

### Message from the Guest Editor

This Special Issue, entitled "Sustainability in the Development of Renewable Energy Technologies and Thermal Engineering", is devoted to publishing scholarly papers associated with thermal engineering problems to be solved for the deployment of renewable energy systems (RES) and compiling cutting-edge research involving new ideas for increasing efficiency at the component or system level to achieve mainly energetic and economic benefits, i.e., decrease the levelized cost of energy (LCOE). Research areas may include (but are not limited to) the following: Thermal management of RES implementation of RES systems related to thermal engineering. Industrial cases will be especially welcome Energetic optimization Innovative control strategies related to thermal management to improve energy efficiency CAPEX and OPEX reduction of RES systems via energy efficiency improvements or component reduction Levelized cost of energy (LCOE) calculations for new implementations of RES systems Thermal studies related to innovations in the design of RES components to reduce carbon emissions via new materials, processes, etc.

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### Guest Editor

Dr. Jesús Castro

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### Deadline for manuscript submissions

closed (1 March 2025)



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CiteScore 8.9



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# About the Journal

## 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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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