

## Special Issue

# Advances in Sustainable Energy Planning and Thermal Energy Storage

### Message from the Guest Editors

The modern energy sector encompasses numerous areas and faces significant challenges, including reducing CO<sub>2</sub> emissions, rejection of fossil fuels, increasing the utilisation of renewable energy sources, and integrating them into various industries. The aim is to produce energy under the most favourable conditions; that is, easily, safely and cost-effectively. It is especially beneficial to utilise the naturally occurring processes. This Special Issue focuses on thermal energy storage methods and systems. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Building energy efficiency;
- Integration of renewable energy sources into building engineering systems;
- Heat storage systems at small and large scales;
- Integration of energy storage systems into energy networks;
- Overloads in electricity and district heating networks;
- Thermal and electrical accumulators for load balancing;
- Utilisation of ground heat or coolness.

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### Deadline for manuscript submissions

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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.

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## Editor-in-Chief

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