



Energy Conversion and Sustainability

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

In recent decades, environmental sustainability has been attracting researchers and the industry to reduce carbon emissions and fossil fuel pollutions by considering renewable energy sources such as solar energy. One of the critical factors of having a sustainable society rests in energy conversion methods. Clean energy production, off-grid accessibility, and easy energy delivery are essential for sustainable energy conversion.

In this Special Issue, we aim to present up-to-date and high-quality research on energy harvesting and conversion sustainability. The focus will be on state-of-the-art approaches and methodologies of design, development, and the performance enhancement of various clean energy sources. The key topics are as follows:

- Energy management;
- Energy harvesting;
- Sustainable energy development;
- Co-gen and tri-generation;
- Ground source heat pumps;
- Zero-energy building;
- Heat recovery and innovative HVAC systems;
- Energy efficiency;
- Renewable energy;
- Building simulation;
- Sensible and latent heat storage;
- Thermal energy storage.





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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

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