



Advances in Renewable Energy Conversion Systems

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

In order to mitigate the greenhouse gas emissions and global warming concerns, modernizing electrical energy generation systems for sustainable energy has gained popularity. The need for ecologically friendly power generation has led to innovative concepts in generation, transmission, distribution, energy storage, building architecture, system fabrication and utilization.

Research areas may include (but are not limited to) the following:

- Power converters and their control for renewable energy applications;
- Energy conversion and storage;
- Renewable-energy-based low-power energy technologies;
- Application of renewable energy systems for zero-energy/net-positive buildings;
- Health monitoring/condition monitoring of renewable energy systems;
- Reliability of smart grids;
- Design, control, fabrication and optimization of battery management systems (BMSs);
- Advancement in the materials science for renewable energy systems;
- High-performance HVAC systems for buildings.

We look forward to receiving your contributions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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