



## Sustainable Research on Renewable Energy and Energy Saving

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### **Message from the Guest Editors**

This Special Issue's primary objective is the deployment of renewable energy, economic development, energy security improvement, increased access to energy, and the mitigation of climate change.

It also addresses the application of the solar PV systems in the generation of electricity for off-grid, on-grid, and EV applications. The design and integration of different components such as PV arrays, high gain dc/dc converters, grid-connected inverters, metaheuristic-based optimization techniques for obtaining maximum power and parameter extraction of the solar PV system, etc., shall be the focus of this Special Issue.

Various governments are coming up with different legislation, regulations, and standards of energy, as well as policies for public and private energy saving. Therefore, this Special Issue will explore the latest developments in energy-saving design technologies and methodologies to provide energy security and mitigate climate change.

It aims to advance sustainable research studies and developments on renewable energies and energy saving for achieving a more sustainable world.





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## Message from the Editor-in-Chief

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