



## Advanced Renewable Energy for Sustainability

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### Message from the Guest Editor

Nowadays, the interest in alternative cost-effective, sustainable, and clean energy sources has grown significantly due to the technical, economical, and environmental consequences of conventional power plants. Thus, renewable energy sources, such as solar, wind, biomass, hydrogen, tidal, and geothermal, have attracted much attention and are widely utilized in power systems. Energy storage systems are integrated with renewable energy sources to maintain the safe operation of the power system and balance the supply and demand sides.

This Special Issue aims to be a hub for contributions related to trends in renewable energy sources and energy storage systems to share up-to-date research results. Topics of interest include (but are not limited to) the following:

- 1 . Renewable energy sources (wind, solar, biomass, hydrogen, geothermal, tidal, hydro);
- 2 . Storage energy technologies and green storage solutions;
- 3 . Energy economics and energy efficiency;
- 4 . Sustainable energy policy and management;
- 5 . Distributed generation and multi-energy systems;
- 6 . Demand-side management and demand response.





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## Message from the Editor-in-Chief

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