



Advances in Renewable Energy Production and Storage

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Message from the Guest Editors

Dear Colleagues,

The decarbonisation objectives set by the European Commission inherently involve the use of renewable energies, and improvements in its production and storage will be key to its extensive use. Advances in renewable energy production can be generated throughout the whole chain, i.e., production, management, control and/or storage. And the energy can be stored using different technologies or systems, like, using mechanical, chemical, electrochemical, thermal and electrical systems.

This Special Issue welcomes original proposals focusing on improvements in the use of different types of renewable energies and storage methods, including, among other things, the following topics:

- Improvements in renewable energy production.
- Modelling and control techniques on renewable energy sources and storage.
- Power electronic converters for renewable energy sources and storage.
- Electric generator control.
- Quality of injecting renewable energy into the grid.
- Storage systems.
- Safety issues on storage systems.
- Electric vehicles as energy storage systems and applications.
- Application of stored energy supporting grid quality.



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Message from the Editor-in-Chief

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