



New Trends for Green Energy in Power Conversion System

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Message from the Guest Editors

Dear Colleagues,

The energy sector faces an increased demand from various stakeholders to decrease the economic and technical performances of renewable energy resources through decreasing the cost of renewables while simultaneously improving the adoption rate of renewable energy. In recent decades, an increased penetration has been noticed, and therefore, their related technologies have experienced rapid improvements to meet the technoeconomic issues of power markets.

This SI aims to collect review and working articles from around the world which cover and illuminate the state of the art of development of renewable energy sources, energy conversion systems, and their recent technological spreads. Different types of renewable energy sources will be discussed.

The scope of this SI is to cover recent developments in green energy and deal with the continuous technology advances in the domain of renewable energies and their penetration in electrical grids, including but not limited to :

- Renewable energy resources
- Smart grids and smart metering
- AC–DC grids
- Energy storage devices
- Applications of the Internet of Energy
- Optimal power flow





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Message from the Editor-in-Chief

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