

## Special Issue

# Applications of Electronic Power Converters in Renewable Energy Equipment

### Message from the Guest Editors

This Special Issue of *Sustainability* will be focused on the current and future role of electronic power converters applied to renewable energy systems. Global energy demand will continue to grow at a considerable rate in the coming years. In this scenario, we are facing the challenge of continuing to produce energy and to support global growth while at the same time driving an energy transition towards non-fossil-based generation systems. Meeting this challenge will undoubtedly require the participation of renewable energies in any of its forms. In this energy scenario, power electronics becomes a strategic technology to achieve a high introduction of renewable energies, ensuring the sustainability of energy growth. The objectives of this Special Issue are aimed at the treatment of topologies, structures, and control systems of electronic power converters focused on the production, distribution, and efficient consumption of electrical energy produced from renewable sources.

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### Guest Editors

Prof. Dr. Luis Carlos Herrero de Lucas  
Prof. Dr. Dionisio Ramírez Prieto  
Prof. Dr. Nestor Francisco Guerrero Rodriguez

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### Deadline for manuscript submissions

closed (27 April 2022)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

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