

## Special Issue

# Renewable Energy, Electric Power Systems and Sustainability

### Message from the Guest Editor

As the world grapples with the need to reduce greenhouse gas emissions, the transition from traditional power systems to modern smart grids represents a pivotal leap into the future. This paradigm shift toward cleaner and more sustainable energy sources enhances efficiency, reliability, and sustainability. This Special Issue aims to create a forum for experts, professionals, and readers interested in topics related to electric power systems, renewable energies, and sustainability. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Power electronic converters applied in power systems and other related applications;
- Electric vehicles and charging stations;
- Control and energy management strategies;
- Distributed generation;
- Renewable energy conversion systems;
- Hybrid energy systems;
- dc and ac microgrids;
- Assessment of energy resources in the context of smart grids.

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### Guest Editor

Prof. Dr. Fernando Lessa Tofoli

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### Deadline for manuscript submissions

closed (5 October 2024)



Sustainability

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# About the Journal

## Message from the Editor-in-Chief

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

Prof. Dr. Steve W. Lyon

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