

Special Issue

Advanced Renewable Energy Technologies

Message from the Guest Editor

The aim of this Special Issue is to capture recent breakthrough research contributions related to advanced emerging renewable technologies including new concepts and innovative approaches, challenges, design and development, system configurations and sizing, theoretical and experimental investigations, techno-economic analysis and environmental impact analysis. Topics of interest for this Special Issue include but are not limited to the following:

- New trends and technologies
- Solar photovoltaic technologies
- Solar thermal systems
- Concentrating solar technologies
- Nanotechnology and solar power
- Wind energy
- Bio-energy
- Wave, tidal, ocean energy
- Heat pump
- Energy storage technologies
- Artificial intelligence studies in renewable energy systems
- Energy management
- Techno-economic analysis of renewable energy systems
- Environmental impact analysis
- Modelling of energy systems
- Integration of renewable energy technologies into the grid
- Review of technologies
- Application of technologies and assessments
- Distributed energy systems
- Control techniques for renewable energy systems

Guest Editor

Prof. Dr. Jayanta Deb Mondol

Belfast School of Architecture and the Built Environment, Centre for Sustainable Technologies, Ulster University, Belfast BT15 1ED, UK

Deadline for manuscript submissions

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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