



Advanced Technologies for Renewable Energy Systems and Their Applications

Guest Editors:

Prof. Dr. José Manuel Ribeiro Baptista

1. Department of Engineering,
University of Trás-os-Montes and
Alto Douro, 5001-801 Vila Real,
Portugal

2. CPES INESCTEC-Center for
Power and Energy System,
University of Trás-os-Montes e
Alto Douro, 5001-801 Vila Real,
Portugal

Prof. Dr. Tiago Pinto

1. Department of Engineering,
University of Trás-os-Montes e
Alto Douro, 5001-801 Vila Real,
Portugal
2. INESCTEC, University of Trás-
os-Montes e Alto Douro, 5001-801
Vila Real, Portugal

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Message from the Guest Editors

The variable nature of most renewable generation sources presents challenging stochasticity problems, which must be solved to enable a smooth energy transition. Moreover, new energy resources, players and business models are emerging, related, e.g., to the quick widespread of electric vehicles, the integration of energy storage systems and electricity market models. Consequently, advanced and innovative technologies are urgently required to support new and essential planning, management and operation models.

This Special Issue calls for contributions related to renewable energy systems, addressing innovative perspectives and related problems. These include, but are not limited to, works that concern novel conceptual energy planning, management and operation models; new software solutions for renewable energy or related resources' integration; practical applications, case studies and demonstrations of advanced technological solutions.

Keywords

- renewable energy
- electric vehicles
- energy storage systems
- energy system applications
- power system management
- energy forecasting





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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Message from the Editor-in-Chief

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Electronics Editorial Office
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