



Wind Energy and Storage Systems as Factors in Energy Sustainability

Guest Editor:

Dr. Paulo Jorge Santos

Polytechnic Institute of Setubal,
Setubal, Portugal

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Message from the Guest Editor

Dear Colleagues,

The growing evolution of installed wind power onshore and especially offshore, and given the sharp increase in the exploitation of this resource in deep waters, is allowing for the installation of increasingly high-power units. As a result, the operation of these large wind farms, together with all the wind power produced at certain times of the day, places excess production of power onto the grid that outstrips the needs of consumers.

There is, therefore, a need to store this energy for use at times when demand peaks. The unpredictability of this resource makes storage indispensable and pumping will, therefore, be one solution among others.. Wind production and storage will be the decisive factors for future energy sustainability.

In this Special Issue, original research articles and reviews are welcome and research areas may include, but are not limited to:

- Wind energy production and storage;
- Optimization of offshore wind power generation;
- Analysis of wind energy production offshore;
- Offshore renewable energy;
- Photovoltaic production systems and their complementarity with wind systems.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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