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# Solar and Wind Power and Energy Forecasting II

Guest Editors:

**Prof. Dr. Sonia Leva**
Department of Energy, Politecnico di Milano, 20156 Milan, Italy

**Dr. Emanuele Ogliari**
Department of Energy, Politecnico di Milano, Via La Masa, 34, 20156 Milano, Italy

**Dr. Alessandro Niccolai**
Department of Energy–Electrical Engineering, Politecnico di Milano, Via La Masa 34, 20156 Milano, Italy

Deadline for manuscript submissions:
**closed (31 January 2022)**

## Message from the Guest Editors

The renewable-energy-based generation of electricity is currently experiencing rapid growth in electric grids. The intermittent input from renewable energy sources (RES), as a consequence, creates problems in balancing the energy supply and demand.

Thus, forecasting of RES power generation is vital to help grid operators to better manage the electric balance between power demand and supply and to improve the penetration of distributed renewable energy sources and, in stand-alone hybrid systems, for the optimum size of all its components and to improve the reliability of the isolated systems.

This Special Issue of *Energies*, "Solar and Wind Power and Energy Forecasting II", is intended to disseminate new promising methods and techniques to forecast the output power and energy of intermittent renewable energy sources.

- RES integration
- Forecasting techniques
- Machine learning
- Computational intelligence
- Optimization
- PV system
- Wind system.

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## Editor-in-Chief

**Prof. Dr. Enrico Sciubba**
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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## Contact Us

*Energies* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/energies
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