



Solar and Wind Power and Energy Forecasting II

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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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Message from the Editor-in-Chief

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