



Solar-Forecasting-Assisted Photovoltaic Power System Control

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Message from the Guest Editors

This Special Issue aims to collect emerging research achievements within the scope of solar forecasting (e.g., solar irradiance forecasting and photovoltaic power forecasting) and its application to PV system control and grid operations. Prospective authors are invited to submit original contributions or survey papers for peer review for publication in *Electronics*. Topics of interest in the Special Issue include, but are not limited to:

- Physical/data-driven methods for solar forecasting;
- AI and machine learning applications in solar PV systems;
- Reliability assessment of operational solar forecasting;
- Solar forecasting reconciliation and hierarchical forecasting;
- Atmospheric science applications in solar forecasting;
- Solar forecasting applications in PV system control/grid operations;
- Data articles for solar forecasting;
- Emerging sensing and measurement techniques;
- PV system/solar irradiance modeling and simulation techniques;
- Reliability modeling and characteristic analysis of high-PV-penetration power systems.





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Message from the Editor-in-Chief

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