



Smart Photovoltaic Energy Systems for a Sustainable Future

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Deadline for manuscript submissions:

closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

Smart PVs can play a role within the smart grid concept as the backbone of a green energy transition, combined with other technologies as an active component, responsive and adaptive to local needs.

We are inviting submissions to this Special Issue and the topics in it may include but are not limited to the following:

- Power system planning and operation with high penetrations of PV;
- Control/coordination strategies in managing disturbances and events;
- Advanced protection of distribution grids with high penetrations of PV;
- Cybersecurity for PV systems integration;
- Integrating energy storage with PV, including microgrid/distributed control functionalities;
- Solar generation analysis and forecasting;
- PV in support of energy islands/communities: planning and operation;
- PV contributing to RES synthesis for supporting an integrated grid;
- Zero energy districts/buildings with PV as the main energy source;
- PV in the built environment.





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Message from the Editor-in-Chief

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