



## Advances in Photovoltaic Solar Energy II

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Deadline for manuscript  
submissions:

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### Message from the Guest Editors

This is the 2nd edition of "Advances in Photovoltaic Solar Energy" we collaborate in *Energies*. We welcome submissions on the following topics, as well as other potential topics that are not mentioned here:

- Innovative design of PV components and systems (e.g., new maximum power point tracking logics);
- Techniques for automatic fault detection (e.g., thermography and electroluminescence by drones, automatic scan of current–voltage curves);
- Smart monitoring and maintenance of utility scale PV plants;
- Techniques to increase local self-sufficiency and self-consumption by PV systems;
- Methods to support the integration of a significant share of PV generation into the power grids (e.g., coupling with storage systems, active power curtailment, reactive power injection, remote/centralized control, grid reconfigurations);
- Planning of utility scale PV generation at regional and national levels;
- Forecasting of PV generation.
- Modelling and simulation of photovoltaic energy conversion systems
- Electrical and thermal modeling of a PV cell and of a module
- Modelling, control, and simulation of integrated storage systems in photovoltaic plants.





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## Message from the Editor-in-Chief

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