



Photovoltaic/Thermal Systems: Advances and Contribution to the Development of Renewable Energy Communities

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Message from the Guest Editors

Dear Colleagues,

This Special Issue considers papers focused on the contribution of PV/T systems in the development of renewable energy communities. It is widely recognized that to achieve renewable energy communities, it is not sufficient to install a new capacity but instead to provide means for an easy share of the produced energy flows (both electricity and/or heat) among different consumers. In this respect, papers focused on solutions for sizing and operating PV/T systems in this context will be welcomed.

- New techniques for enhancing the energy performance of this technology.
- Modeling of PV/T systems' operation based on experimental data.
- Modeling for forecasting the energy and heat production from PV/T systems via machine learning approaches.
- Provision of performance maps to easily detect variation in the power-to-heat ratio with boundary conditions.
- Integration with buildings and energy storage systems (either thermal or electric).

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Message from the Editor-in-Chief

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