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Advances on Performance, Evaluation and Applications of Solar Thermal and Solar Hybrid PV-T Collectors

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Message from the Guest Editors

Dear Colleagues,

Efficient use of solar energy is key for the worldwide transformation of the energy system to deal with the global energy crisis and climate change. With heat accounting for about half of the global energy demand, Solar Thermal and Solar Hybrid PV-T collectors appear as potential technologies to meet a significant proportion of the global heat needs through renewable heat. Moreover, their modularity allows their integration into urban environments, which is of great importance due to the large energy losses incurred when heat is transported. This SI addressing, but not limited to, any of the topics below are welcome:

- New designs / optimization / performance assessment / forecasting methods of solar thermal and/or solar hybrid PV-T collectors
- Performance and evaluation of solar thermal and/or solar hybrid PV-T collectors integrated into wider systems
- Applications of solar thermal and/or solar hybrid PV-T systems, such as combined heating, power and/or cooling in buildings, solar desalination, solar for hydrogen production or solar drying
- Technical, economic, cost, environmental and/or policy assessments of solar thermal and/or PV-T systems



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Special Issue



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Message from the Editor-in-Chief

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