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Building-Integrated Photovoltaics

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Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editors

This Special Issue aims to address potential challenges and opportunities in the design, development, optimization, operation, and extension Building-Integrated Photovoltaics (BIPV); We invite authors to submit original research papers or short communications, or comprehensive review articles on the latest achievements and innovations in building-integrated photovoltaics. Potential topics include, but are not limited to:

- Design and Manufacturing of BIPV
- Trends and Development in BIPV Technologies
- Theoretical and Experimental Investigation on BIPV
- Computational Modelling and Simulation of BIPV
- Nonlinearity and Optimization in BIPV
- Techno-Economic Performance Evaluation of BIPV
- Real Time Monitoring and Diagnostics for BIPV
- Remote Control and Operation of BIPV
- Policy Issue: System Marginal Price, Solar Renewable Energy Credits, Solar Energy Trading, Block Chain Technology
- Macro-Perspective: Distributed Generation, Demand Response, Energy Storage System, Smart Grid, Solar City



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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