

Special Issue

Solar Energy Materials for Advanced Window and Building-Envelope for Less Energy-Hungry Building

Message from the Guest Editor

The focus of this Special Issue will therefore be to critically analyze newly developed sustainable material for advanced window and energetic application of existing advanced material that have the ambition to lead to a sustainable built environment. This Special Issue focuses on

- Development of new advanced material for advanced window
- Investigation of energetic application of advanced window for retrofit and new building;
- Development and application of Transparent /semitransparent BIPV (including first, second and third generation PV);
- Building energy simulation (Energy Plus, Daysim, WINDOW, Therm) using available or newly developed advanced window.
- Development and experiments with self-cleaning coating for PV and glazing application.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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