



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

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Aritra Ghosh

Guest Editor





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Message from the Editor-in-Chief

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