

Special Issue

Solar Energy Conversion Systems in the Built Environment

Message from the Guest Editors

Papers in this Special Issue should be related to the built environment and may discuss (but are not limited to) the following:

- Solar energy potential;
- Design of solar energy conversion systems;
- Estimation/forecasting of electrical/thermal energy;
- Electrical/thermal energy storage;
- Shading;
- Smart self-consumption of PV energy in local micro-grid;
- Hybrid renewable energy systems;
- Applications on/near buildings (BIPV, BAPV, BISTS, facades, street lighting, etc.);
- Architectural integration aspects;
- PV and sustainable transport facilities;
- Bifacial PV, PVT and CPV systems;
- Sun-tracking systems;
- nZEB/NZEB with solar energy conversion systems;
- Building energy management systems and solar energy conversion systems;
- Artificial intelligence applied in PV systems and solar radiation.

This Special Issue aims to collect outstanding research and development outcomes from all over the world that contribute to a larger implementation of solar energy conversion systems to help shape the sustainable cities of the future.

Guest Editors

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Deadline for manuscript submissions

closed (10 August 2023)



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About the Journal

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

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