



Photovoltaic (PV) Sources in Transportation: PV-Powered Vehicles and PV-Powered Charging Stations

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 December 2021)

Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on the possible contributions of PV technologies, as well as the deployment of PV sources, in the transport sector (on-board and stationary PV generators). Authors are invited to submit original contributions for review and possible publication. This Special Issue includes, but is not limited, the following topics:

- PV technologies for EVs (car, buses, trucks, etc.);
- EVs powered by on-board PV generators (car, buses, trucks, etc.);
- PV-powered infrastructure charging stations (multi-source systems, microgrids, etc.);
- New services associated with the PV-powered charging stations: V2G, V2H/V2B;
- Power electronic converter requirements and barriers for V2G, V2H/V2B;
- Intelligent systems for energy management for PV-powered vehicles;
- Intelligent systems for energy management for PV-powered charging stations;
- State-of-the-art reviews on PV technologies for EVs, PV-powered vehicles and PV-powered charging stations;



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Prof. Dr. Manuela Sechilariu

Guest Editor

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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