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Autonomous Monitoring and Analysis of Photovoltaic Systems

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Deadline for manuscript submissions:
closed (1 February 2022)

Message from the Guest Editor

The aim of this Special Issue is to collect scientific manuscripts on the practical aspects and simulation models associated with autonomous monitoring and analysis of PV systems. The key focus is to describe the emerging developments and advances in order to mitigate the challenges for automating the PV monitoring procedure in upcoming years. The topics may include, but are not limited to, the following:

- Autonomous monitoring systems
- Big data analytics (BDA) techniques for PV monitoring
- Big data transmission and storage methods
- Automatic failure detection and classification
- Internet of Things (IoT) applications in PV monitoring
- Unmanned aerial vehicle (UAV) applications in PV monitoring
- Smart and predictive monitoring
- Service life prediction
- Performance and reliability evaluation

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Message from the Editor-in-Chief

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