Advanced Operation and Maintenance in Solar Plants, Wind Farms and Microgrids

Guest Editors:

Prof. Dr. Luis Hernández-Callejo
Department of Agricultural and Forestry Engineering, University of Valladolid, Campus Duques de Soria, 42004 Soria, Spain

Dr. Maria del Carmen Alonso García
Department of Energy, Centro Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT), Madrid, Spain

Dr. Sara Gallardo Saavedra
Department of Agricultural Engineering and Forestry, Universidad de Valladolid, Valladolid, Spain

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

The development of renewable generation plants and microgrids is a reality. Every day more facilities of this type are springing up, and their advance requires new research studies.

For solar plants, wind farms, and microgrids, the articles may focus on one of the following topics:

- Artificial intelligence and data mining;
- Simulations related to operation and maintenance;
- Development of software and/or SCADA for operation and maintenance;
- New development of sensors and hardware for application to operation and maintenance;
- Economic balances of the operation and maintenance;
- New operation and maintenance techniques;
- Hybrid photovoltaic and thermal systems;
- Storage for operation or maintenance.

mdpi.com/si/54308

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us