



sensors

an Open Access Journal by MDPI



Resilience Engineering for Smart Energy Systems

Guest Editors:

Prof. Dr. Bedir Tekinerdogan

bedir.tekinerdogan@wur.nl

Dr. Tarek AlSkaif

tarek.alskaif@wur.nl

Dr. William Hurst

will.hurst@wur.nl

Prof. Dr. Cagatay Catal

cagatay.catal@wur.nl

Deadline for manuscript
submissions:

30 November 2021

Message from the Guest Editors

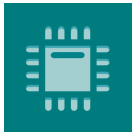
The aim of this Special Issue is to bring together innovative developments and applications of resilience engineering for smart energy systems. We welcome both research papers addressing new insights and experience papers discussing the lessons learned in practice. Articles may include, but are not limited to, the following topics:

- Modelling approaches for the resilience of smart energy systems;
- System architecture design for resilience engineering of smart energy systems;
- Application of system of systems for resilient smart energy systems;
- Tools for resilient smart energy systems;
- Obstacles to resilience of smart energy systems;
- Methods and process models for resilience engineering of smart energy systems;
- Empirical evaluation approaches for resilience engineering of smart energy systems;
- Resilient engineering of smart grids and microgrids;
- Critical infrastructures and smart energy systems;
- Cross-sectoral integration of smart energy systems;
- Workflow patterns for resilient smart energy systems;
- Business modelling approaches for resilient smart energy systems;
- Metrics for resilient smart energy systems.



mdpi.com/si/73979

Special Issue



sensors



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Assefa M. Melesse

Dr. Alexander Star

Prof. Dr. Mehmet Rasit Yuce

Prof. Dr. Eduard Llobet

Prof. Dr. Guillermo Villanueva

Prof. Dr. Vittorio M.N. Passaro

Dr. Davide Brunelli

Dr. Raffaele Bruno

Prof. Dr. Roozbeh Ghaffari

Prof. Dr. Xianbin Wang

Prof. Dr. Mengdao Xing

Message from the Editorial Board

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access :— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Embase](#), [Ei Compendex](#), [Inspec](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q1 (*Instruments & Instrumentation*) / [CiteScore](#) - Q1 (*Instrumentation*)

Contact Us

Sensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[@Sensors_MDPI](#)