





an Open Access Journal by MDPI

# Design for Distributed Energy Resources: Wind Energy, PV and EV Station

Guest Editors:

#### Dr. Dae-Jin Kim

Electric Power System Research Team, Korea Institute of Energy Research (KIER), 200 Haemajihaean-ro, Gujwae-up, Jeju 63357, Republic of Korea

## Prof. Dr. Hwa-Pyeong Park

Kumoh Nationa Institute of Technology 61 Daehak-ro (Yangho-dong), Gumi, Gyeongbuk 39177, Republic of Korea

Deadline for manuscript submissions:

2 December 2024

# **Message from the Guest Editors**

This Special Issue aims to present and disseminate the latest developments related to the theory, design, modeling, application, control and condition monitoring of distributed energy resources and electric vehicle charging stations.

Topics of interest for publication include, but are not limited to the following:

- All aspects of electric vehicle charging stations;
- Micro-grids;
- Renewable energy;
- Battery energy storage systems;
- Electric vehicles;
- Power conversion systems;
- Control systems;
- Advanced modeling approaches;
- Virtual Power Plants;
- Electric vehicles;
- Distribution networks











an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

# Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

### **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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

#### **Contact Us**