

Special Issue

The Role of Renewable Energy Systems in the Modern Societies

Message from the Guest Editors

The purpose of this Special Issue is to scrutinize recent technological innovations and improvements, energy policies, decarbonization in a climate-friendly scenario, CO2 removal technologies, and the application of power electronics and artificial intelligence (AI) in the renewable energy sector. Moreover, studies related to the technoeconomic analysis of hybrid energy systems, smart grids, energy forecasting, and energy trading are of interest. We invite researchers to submit their original and unique articles as well as their critical review papers. Topics include, but are not limited to, the following areas:

- Renewable energy sources
- Biomass and biofuel
- Hybrid renewable energy systems
- Power systems
- Energy management
- Energy saving devices
- Energy policy
- Robotic applications in renewable energy systems
- Electric vehicles
- Power electronics in renewable energy systems
- Energy forecasting
- Atmospheric pollution
- Energy in buildings
- Artificial intelligence in energy systems

Guest Editors

Dr. Shahabaldin Rezania

Department of Environment and Energy, Sejong University, Seoul 05006, Republic of Korea

Dr. Kamyar Mehranzamir

Department of Electrical and Electronic Engineering, University of Nottingham Malaysia (UNM), Selangor, Malaysia

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closed (10 January 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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