

## Special Issue

# Sustainable and Intelligent Energy Systems and Processes: Recent Advances and Challenges

### Message from the Guest Editors

Future energy systems are expected to include many different types of energy storage technology and renewable sources of energy. The availability of renewable resources, in particular, has a significant impact on economic growth potential. We would like to invite you to submit original research papers, reviews, case studies, and technical notes relevant to the scope of this Special Issue include, but are not limited to, the following topics:

- Integration of renewable energy sources;
- Solar and wind energy technology and applications;
- Hybrid renewable energy systems;
- Grid stability;
- Power electronics in renewable energy systems and smart grids;
- Modeling of energy systems and processes;
- Policy issues related to sustainability;
- Energy conversion and storage technologies;
- System reliability and resilience;
- Techno-economic and energy/exergy analyses;
- Edge computing in smart grids and other applications;
- Artificial intelligence applications in smart grids;
- PLC and SCADA systems;
- Increasing energy efficiency in industrial motor drives.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 August 2024)



## Processes

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### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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