

Special Issue

Multi-Energy Complementary and Energy Storage Technologies

Message from the Guest Editors

In this Special Issue, we encourage submissions of original research articles, case studies, reviews, critical perspectives, and viewpoint articles on topics including, but not limited to, the following:

- Experimental investigations on multi-energy complementary systems;
- Energy storage options for multiple scenarios;
- Spatial-temporal complementary system designs;
- Case studies to summarize best practices;
- System design considering feasibility;
- Process modeling and simulation;
- System optimization, including models and algorithms for design and operation optimization in multi-energy complementary systems;
- Load estimation methods and algorithms;
- Control of multi-energy complementary systems;
- Evaluation system for multi-energy complementary systems during operation;
- Techno-economic assessment and lifecycle analysis;
- Energy storage technologies;
- Trend prediction of multi-energy complementary systems with respect to their environmental impact, market effects and utilization;
- Policy incentives for regional deployment, etc.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2023)



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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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