

## Special Issue

# Sustainability for Green Energy Systems: Conversion, Utilization, Management, Opportunities, and Challenges

### Message from the Guest Editors

We cordially invite original works that showcase innovative models and algorithms, and employ case studies, experimental research, or state-of-the-art reviews on these topics. Topics of interest include, but are not limited to:

- Clean energy sources: new technologies, innovations, latest trends, policies, challenges, and applications;
- Application of alternative fuels for the transportation sector;
- Building energy management systems (BEMS);
- Carbon capture: methods, new applications, and policies;
- Industrial energy management;
- Different strategies for HVAC+R energy saving;
- Role of green energy in meeting the Sustainable Development Goals (SDGs);
- Soft computing applications for renewable energy systems;
- Application of the first and second laws of thermodynamics for hybrid renewable energy systems;
- Identification and application of modern technologies for green electricity production;
- Combustion, performance, and emission characteristics of nano-added fuels in ICes, etc.

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### Guest Editors

Dr. Ümit Ağbulut

Dr. Ali Etem Gürel

Prof. Dr. Nedim Sözbir

Dr. Hüseyin Bakir

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### Deadline for manuscript submissions

closed (7 November 2023)



Sustainability

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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.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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