

## Special Issue

# ICT Technologies for Sustainable Integration of Renewable Energies

### Message from the Guest Editor

For this Special Issue, we are welcoming papers from a broad range of topics associated with information and communications technologies (ICT) for renewable energy (RE) integration. ICT can play an important role in energy management, conservation and efficiency through sensing and control for REs integration. ICT can also contribute to higher resource utilization through shared systems and increased efficiency driven through smarter appliances, infrastructure, and manufacturing. This Special Issue covers ICT-enabling capabilities to manage the volatile and distributed nature of renewable energy sources connected to the smart buildings and/or smart grids. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- ICTs for energy management;
- Internet of Energy for REs integration;
- ICTs for energy efficiency;
- Machine learning for renewable energy applications;
- Data mining techniques for renewable energy evaluation;
- Sustainability assessments of ICT-based solutions.

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### Guest Editor

Dr. Sid-Ali Amamra

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### Deadline for manuscript submissions

closed (30 June 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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