

Special Issue

Sustainability of Smart Energy Grids: Pathway for Achieving a Green Smart Energy Grid

Message from the Guest Editors

Papers are invited in areas relevant to smart energy grids, including but not limited to the following topics:

- 4th generation district heating and cooling networks fed by renewables or coupled with innovative technologies
- 5th generation district heating and cooling networks fed by renewables or coupled with innovative technologies
- Dynamic analysis of control strategies able to significantly reduce the environmental impact of district adopting 4th and 5th generation DHCs
- Electric vehicles
- Control strategies or solutions for peak shaving and peak shifting with the aim of avoid grid unbalancing and overvoltage
- Optimal coupling of several renewable energy sources for addressing the issue of peak power production and peak of power demand

Guest Editors

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Dr. Maria Vicidomini

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Deadline for manuscript submissions

closed (31 March 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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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. *Sustainability* publishes original research articles, review 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

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