Special Issue

Materials Chemistry for Sustainable Energy Systems

Message from the Guest Editors

The International Energy Agency's Sustainable Development Scenario aims to stay below 1.5° C global warming. The Sustainable Development Scenario has recommended several mitigation strategies including energy efficiency and alternate fuels to attain the goal. This Special Issue with a futuristic vision for renewables explores the current and future developments in the area. The scope of this Special issue includes but is not limited to the keywords mentioned below:

- Renewable energy;
- Nanotechnology in renewable energies;
- Energy systems/transitions;
- Energy transportation;
- Energy systems: predictions using machine learning algorithms;
- Socioeconomic modeling of renewable energies;
- Technoeconomic modeling of renewable energies;
- Energy recovery;
- Carbon conversion reactions;
- Wind power;
- E-mobility/e-vehicles;
- Photovoltaics, quantum dots and hybrid energy systems.
- Hydrogen energy
- Nanofibers
- Enviornmental remediation
- Clean energy
- Soft matter for energy
- Novel synthesis techniques; materials for energy

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Deadline for manuscript submissions

closed (20 December 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/139846

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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.

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