

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
- Environmental remediation
- Clean energy
- Soft matter for energy
- Novel synthesis techniques; materials for energy

Guest Editors

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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. 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

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