

Special Issue

Energy and Material Minimisation and Sustainable Development in Energy Industry

Message from the Guest Editors

The focus of this Special Issue will be on innovation and development, supporting the minimization of energy and materials to ensure the sustainable development of the energy industry. This Special Issue seeks to integrate research from all sections of this field and the entire supply chain, including fuel extraction, manufacturing, refining, and distribution, in order to reduce our environmental footprint and achieve a low-carbon energy industry and economically feasible sustainability. The topics of interest include, but are not limited to, the following:

- An overview and perspective of the energy and material minimization;
- Efficient energy extraction;
- Efficient, safe, and clean energy transportation and conversion;
- Sustainable energy use and consumption;
- Renewable energy sources integration;
- Reduction in environmental and material footprints;
- Energy system risk analysis;
- Carbon capture, utilization and storage (CCUS) in the energy industry;
- Sustainable practices.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



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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

Prof. Dr. Steve W. Lyon

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