

Special Issue

Low-Temperature Chemistry and Sustainable Energy: New Paths to Reducing Carbon Emissions

Message from the Guest Editor

The need for sustainable technologies is leading the charge of several research and industrial projects, especially within the fields of fuel production, storage, and transportation. The modification of existing production processes, the introduction of innovative solutions, or the possible use of extreme conditions (e.g., low-temperature, high pressure) towards leaner and more effective processes poses new challenges under different perspectives. Therefore, interdisciplinary, fundamental-based, and multicriteria studies evaluating different aspects involving the sustainability of underdevelopment alternatives are strongly advisable to promote robust and optimized implementation on a large scale. This Special Issue intends to attract submissions from academics and professional engineers working on the characterization of sustainability aspects concerning alternative fuels, innovative energy systems and materials, and new concepts for storage and transportation technologies. We welcome the submission of innovative experimental and numerical research and review articles addressing the abovementioned topics.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2024)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/192345

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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

Prof. Dr. Marc A. Rosen

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