

Special Issue

Studies on Hydrogen Energy and Energy Conversion

Message from the Guest Editors

Hydrogen energy is a promising clean energy source due to its high calorific value and wide range of sources. Hydrogen is not only an energy carrier but a chemical raw material, playing an important role in synthetic fuel and chemicals. Thus, hydrogen economy is a goal for the society now. Before we achieve large-scale utilization of hydrogen energy, there are still many challenges in the production, storage and utilization of hydrogen energy. In the future, we will be able to build a clean society using hydrogen and electricity as energy sources, but as secondary energy, hydrogen and electricity cannot be directly obtained, and must be obtained via primary energy conversion, which requires advanced energy conversion technologies to provide support for sustainable development.

The Issue will invite advanced technologies, original theories and trends in the field of hydrogen energy and energy conversion with the topics including:

Production, storage and utilization of hydrogen energy;

Hydrogen economy and policy;

Clean and low-carbon conversion of fossil energy;

Efficient conversion of renewable energy;

Waste conversion and utilization...

We look forward to your submissions.

Guest Editors

Dr. Shanke Liu

Dr. Yan Yang

Dr. Lei Yi

Dr. Yunan Chen

Deadline for manuscript submissions

closed (7 December 2023)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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