

Special Issue

A Sustainable Approach to the Use of Materials in Fuel Cells and Hydrogen Technologies

Message from the Guest Editors

This Special Issue is focused on materials used in FCH technologies where the key priority is improving their environmental performance by reducing, substituting, reusing, and recycling the materials. To accelerate these efforts, the research contributions should address several different topics including:

- Hydrogen production – electrolyzers
- Hydrogen consumption – fuel cells
- EU critical materials (e.g., platinum group, precious, and rare earth metals)
- End-of-life phase of technologies
- Recycling, reuse, remanufacturing
- Open and closed loop recycling
- Life cycle assessment
- Life cycle costs
- Environmental profile of technologies
- Circular economy and eco-design

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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.

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