



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

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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

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