Special Issue

Green Hydrogen Economics and Planning towards Carbon Neutrality

Message from the Guest Editors

Due to the issues of climate change and environmental pollution, the development of clean and low-carbon energy has become the trend for global energy transition. Hydrogen energy is a type of efficient, clean and low-carbon secondary energy, and is regarded as one of the most potential energy sources in the 21st century. However, green hydrogen is currently unable to take off due to its high cost and imperfect top-level planning. This Special Issue is devoted to the cutting-edge explorations on the economics and planning of green hydrogen. We welcome full-length articles and review articles including, but not limited to, the following topics: -Levelized cost of green hydrogen;
-Techno-economic planning of the green hydrogen system;
-Capacity planning of hydrogen energy storage;
-Coupling of electricity market, carbon market and hydrogen market;
-Planning of sustainable hydrogen infrastructure and fuel cell vehicles;
-Carbon reduction potential from green hydrogen application;
-Policy management of green hydrogen development;
-Blueprint for the development of green hydrogen.

Guest Editors

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Deadline for manuscript submissions

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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

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