Special Issue

Sustainable Hydrogen Production Processes

Message from the Guest Editors

Hydrogen is being considered one of the most suitable energy carriers. However, to contribute to the decarbonization goals, hydrogen production must be sustainable. Sustainable hydrogen production can be attained via electrification (green hydrogen), as well as with ininovative system-integrated carbon capture, with the decomposition of biomethane into C and hydrogen, and other novel systems. This Special Issue seeks high-quality works focusing on the latest novel advances in hydrogen production and green hydrogen utilization. The topics of interest include, but are not limited to, the following:

- Electrolysis;
- Carbon capture for hydrogen production;
- Novel technologies for sustainable hydrogen production;
- Use of sustainable hydrogen, its storage and transportation.

Guest Editors

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Editor-in-Chief

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