



## Design of Electrocatalysts for Green Hydrogen Production from Hydrogen Sulfide and Seawater

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Deadline for manuscript submissions:

**closed (31 October 2022)**

### Message from the Guest Editors

Catalysts are important for redox reactions in chemical and electrochemical processes. The study of novel catalysts for hydrogen production is very important and a key factor in finding solutions related to clean energy production.

The fabrication of active, stable, cost-effective, and environmentally friendly catalyst materials, for hydrogen production and purification from pollutants (SO<sub>2</sub>, H<sub>2</sub>S, CO<sub>2</sub>, NO<sub>2</sub>, etc.), will play a significant role in the transition towards renewable energy.

Submissions to this Special Issue are welcome in the form of original research papers, feasibility studies, and reviews that reflect the state of the research in the field on the synthesis, characterization, and activity analysis of nanostructured materials for applications in different processes and methods for green hydrogen production (from hydrogen sulfide and seawater) and the cleansing of the environment from pollutants. Submissions related to the following are also welcome: fuel cells, seawater desalination utilizing renewable energy, utilizing and management strategies for renewable systems, batteries, hydrogen storage, and hydrogen application.

