



Green Technologies of Hydrogen and Ammonia Production as Energy Vectors

Guest Editors:

Prof. Dr. Sharif Fakhruz Zaman

Chemical and Materials Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah 21589, Saudi Arabia

Prof. Dr. Mohammad Ali A. Shoukat Choudhury

Chemical Engineering Department, BUET, Dhaka 1000, Bangladesh

Dr. Md. Wasikur Rahman

Department of Chemical Engineering, Jashore University of Science and Technology, Jashore 7408, Bangladesh

Message from the Guest Editors

High-caliber papers focusing on the most recent novel developments in theoretical and experimental hydrogen and ammonia decomposition technologies are sought for this Special Issue on "Green Technologies of Hydrogen and Ammonia Production as Energy Vectors". The subject may, but is not restricted to:

- Hydrogen production from fossil fuels or other hydrogen storage materials.
- Green Hydrogen production via water splitting via electrocatalysis and photocatalysis.
- Green ammonia production.
- Ammonia decomposition and Kinetics of ammonia decomposition.
- Reactor design for ammonia decomposition and feasibility analysis.

Deadline for manuscript submissions:

closed (10 October 2023)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)