

## Special Issue

# The Present and the Future of Hydrogen Energy

### Message from the Guest Editor

We are excited to announce a new Special Issue of *Applied Sciences*, titled "The Present and the Future of Hydrogen Energy". This Special Issue aims to bring together pioneering research and advancements in the field of hydrogen energy, which is rapidly emerging as a cornerstone for sustainable and clean energy solutions worldwide. Hydrogen energy holds the promise of revolutionizing various sectors, from transportation and power generation to industrial applications. This Special Issue will explore the latest technological developments, innovative applications, and strategic policies driving the hydrogen economy forward. We invite researchers to submit their original papers, reviews, and case studies that delve into topics such as hydrogen production, storage, distribution, and utilization. Additionally, papers addressing the challenges and opportunities in scaling up hydrogen technologies, economic feasibility, safety, and environmental impacts are highly encouraged. Join us in contributing to this vital discourse on hydrogen energy and help shape a sustainable future.

---

### Guest Editor

Dr. Daniele Melideo

Dipartimento di Ingegneria dell'Energia, dei Sistemi, del Territorio e delle Costruzioni (DESTEC), Università di Pisa, Largo Lucio Lazzarino, 56122 Pisa, Italy

---

### Deadline for manuscript submissions

20 January 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/210985](https://mdpi.com/si/210985)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)