

Special Issue

Catalysis for Sustainable Development

Message from the Guest Editors

The recent rapid development in the area of environmental and energy catalysis for sustainability has inspired us to launch this [Special Issue](#). We invite emerging scientists to contribute original research articles that could improve our understanding of the key scientific and technological problems of nanostructured catalysts applied to sustainability issues. Original articles describing catalytic applications for environmental remediation (air pollution control, wastewater treatment, and disinfection) and for green energy (hydrogen production and biomass conversion) will be considered for publication.

The keywords of this [Special Issue](#):

- Air pollution;
- CO₂utilization;
- Volatile organic compounds ;
- Catalyst and adsorbent synthesis;
- Electro-Fenton;
- Oxygen reduction reaction (ORR);
- Hydrogen evolution reaction (HER);
- Water electrolysis;
- Biomass conversion.

Guest Editors

Dr. Rui Han
Dr. Wei Zhou
Dr. Shuangchun Lu

Deadline for manuscript submissions

closed (20 December 2023)



Clean Technologies

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.3



mdpi.com/si/116167

Clean Technologies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cleantechnol@mdpi.com

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





Clean Technologies

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 8.3



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



About the Journal

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero
Materials & Process Engineering, UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1
(Environmental Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 10.6 days (median values for papers published in this journal in the second half of 2025).