



## Carbon Neutrality and Hazardous Emission Control for Internal Combustion Engines

Guest Editors:

**Dr. Dongwei Yao**

College of Energy Engineering,  
Zhejiang University, Hangzhou  
310027, China

**Dr. Jinlong Liu**

College of Energy Engineering,  
Zhejiang University, Hangzhou  
310027, China

**Dr. Peng Liu**

College of Energy Engineering,  
Zhejiang University, Hangzhou  
310027, China

Deadline for manuscript  
submissions:

**closed (15 March 2024)**

### Message from the Guest Editors

This Special Issue on “Carbon Neutrality and Hazardous Emission Control for Internal Combustion Engines” is dedicated to showcasing the latest advancements in low-carbon/zero-carbon fuels, efficient and clean combustion, and greenhouse gas and hazardous pollutant emission control for internal combustion engines. The topics of this Special Issue include, but are not limited to:

- Combustion characteristics and reaction kinetics of low/zero-carbon fuels;
- Preparation, storage, transportation, and supply technologies for low/zero-carbon fuels;
- Efficient and clean combustion technologies for internal combustion engines;
- Efficient and stable exhaust aftertreatment technologies for internal combustion engines;
- Combustion and emission control technologies for internal combustion engines using low/zero-carbon fuels;
- Efficient carbon capture and utilization technologies for internal combustion engines;
- Energy conversion and advanced energy-saving technologies for internal combustion engines.





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](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)