



## Challenges and Research Trends of Exhaust Emissions

Guest Editors:

**Dr. Remigiusz Jasiński**

Institute of Powertrains and Aviation, Faculty of Civil and Transport Engineering, Poznan University of Technology, 60-965 Poznan, Poland

**Prof. Dr. Jacek Pielecha**

Faculty of Civil and Transport Engineering, Poznan University of Technology, Piotrowo 3, 60-965 Poznan, Poland

Deadline for manuscript submissions:

**closed (30 May 2025)**

### Message from the Guest Editors

The purpose of this Special Issue is to present the latest scientific achievements related to the methods of reducing exhaust emissions as well as the scientific analysis of processes related to the formation of pollutants. It is the responsibility of the scientific community to work for the climate and air quality. That is why I encourage you, dear colleagues, to work together and present your achievements.

keywords:

- combustion engines
- exhaust emissions
- aftertreatment systems
- real driving emissions
- hybrid systems
- sustainable aviation fuels
- energy efficiency improvements
- hydrogen technology
- life-cycle assessment
- marine powertrains
- new emissions rules and standards
- global warming
- air quality





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)