

# Special Issue

## Aeroacoustics and Noise Mitigation

### Message from the Guest Editor

This Special Issue is devoted to the topics relevant to aeroacoustics and flow-structure interaction (FSI), especially noise mitigation: 1) airframe and propulsion, regarding external and cabin noise generation and exposure; 2) propulsor installation, propeller-wing interaction, and propeller-propeller interaction; 3) noise absorption technologies; 4) air traffic management, airport operating procedures and land-use planning; 5) rural/urban air mobility; 6) policies and certifications for new air vehicles; 7) environmental and psychoacoustic problems; 8) theories, modeling, computational and experimental methods, multidisciplinary design optimization, and applied machine-learning techniques; 9) other areas such as hydroacoustics and application scenarios (e.g., ducts, HVAC and wind turbines) as long as methods share a common knowledge base with aeroacoustics and can potentially be used for aircraft.

---

### Guest Editor

Dr. Hua-Dong Yao

Department of Mechanics and Maritime Sciences, Chalmers University of Technology, Göteborg, Sweden

---

### Deadline for manuscript submissions

closed (28 February 2023)



## Aerospace

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.0



[mdpi.com/si/126036](https://mdpi.com/si/126036)

*Aerospace*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)

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





# Aerospace

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.0



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



## About the Journal

### Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

*Aerospace* adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

---

### Editor-in-Chief

Prof. Dr. Konstantinos Kontis

School of Engineering, University of Glasgow, James Watt Building  
South, University Avenue, Glasgow G12 8QQ, UK

---

### 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, Ei Compendex, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2  
(Aerospace Engineering)