



## Advances in Aircraft Noise Reduction

Guest Editors:

**Dr. Antonio J. Torija Martinez**

Acoustics Research Centre,  
University of Salford, Manchester  
M5 4WT, UK

**Prof. Dr. Oleksandr**

**Zaporozhets**

National Aviation University, 1,  
Ave. Cosmonaut Komarov, Kyiv,  
03058, Ukraine

Deadline for manuscript  
submissions:

**closed (30 September 2020)**

### Message from the Guest Editors

Aircraft noise is one of the main issues for public health and the well-being of communities living around airports. The demand for air transportation is projected to experience significant growth over the next few years. This significant increase in air transport movements could lead to further deterioration of the relationships between many airports and surrounding residents. To address these noise issues, the aviation industry is heavily investing in the development of novel aircraft designs with the objective of reducing aircraft noise; the aviation industry is also investigating a series of operational improvements to reduce aircraft noise on the ground.

This Special Issue seeks research papers on various aspects of aircraft noise. We encourage the submission of manuscripts that focus on the following:

- Technologies for noise reduction at source.
- Novel noise abatement operational procedures.
- Land use planning and management.
- Advanced methods for community noise impact assessment.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Konstantinos Kontis**

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

## 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.

## 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, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Aerospace*) / CiteScore - Q2 (*Aerospace Engineering*)

## Contact Us

---

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

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

[mdpi.com/journal/aerospace](http://mdpi.com/journal/aerospace)  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)  
[X@Aerospace\\_MDPI](#)