



## Urban and Regional Air Mobility Research

Guest Editors:

**Dr. Kay Plötner**

Bauhaus Luftfahrt e. V., 82024  
Taufkirchen, Germany

**Dr. Imon Chakraborty**

Assitant Professor and Director of  
Vehicle Systems, Dynamics, and  
Design Laboratory, Department  
of Aerospace Engineering,  
Auburn University, Auburn, AL,  
USA

Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

This Special Issue is devoted to research within the field of urban and regional air mobility and provides a publication framework for applied studies combining various disciplines to investigate how this future mode of transport will develop as a new market within air transportation. As urban and regional air mobility should be seen as a new transport system, this Special Issue calls for papers focussing on critical elements such as vehicles, vertiports, their operations, airspace, and ground infrastructure integration; in addition, we must consider specific city integration and the assessment of long-term economic, ecological, and social impacts. Vehicle-related aspects can cover topics of design, performance, and noise optimisation issues.

- transport system performance
- vertiports
- public acceptance
- passenger adoption
- airspace integration
- city integration
- eVTOL
- certification
- modelling and simulation





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, 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, Ei Compendex, 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](https://twitter.com/Aerospace_MDPI)