

## Special Issue

# Operational Requirements for Urban Air Traffic Management

### Message from the Guest Editors

Research and industry have achieved enormous progress in the investigation and towards the implementation of urban air mobility in a short time. Test flights of several manufacturers of (electric) vertical take-off and landing (VTOL) capable aircraft (VCA) have been performed. While proposing regulatory frameworks on vehicle certifications, multiple civil aviation authorities have developed concepts of operations (CONOPS) to obtain airborne VCA and integrate them into the existing operable airspaces and vertiports. The goal of this Special Issue is to provide answers to these questions. We are looking forward to your contributions!

---

### Guest Editors

Dr. Isabel C. Metz

Institute of Flight Guidance, German Aerospace Center (DLR),  
Lilienthalplatz 7, 38108 Braunschweig, Germany

Dr. Bianca I. Schuchardt

Institute of Flight Guidance, German Aerospace Center (DLR),  
Lilienthalplatz 7, 38108 Braunschweig, Germany

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Aerospace

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.8



[mdpi.com/si/219293](https://mdpi.com/si/219293)

*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 4.8



[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)