

Special Issue

Urban and Regional Air Mobility Research

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

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)



Aerospace

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.0



mdpi.com/si/127219

Aerospace
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, Scotland, 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)