

Special Issue

Sustainable Development of Airspace Systems

Message from the Guest Editors

It is crucial to further promote further research on the green, safe, efficient, and sustainable aspects of airspace systems. This Special Issue includes the following topics, but are not restricted to:

- **Airspace operation and new development modes**, including digital airspace, airspace flexible utilization, airspace cyber-physical system, trajectory-based operation, and artificial intelligence in airspace systems;
- **Airspace refined management**, including airspace capacity management, airspace flow management, airspace resource dynamic allocation management, low-altitude airspace sectorization, and urban low-altitude air route planning and design;
- **Sustainable airspace operation**, including low-altitude zero-emission transport, noise reduction flight procedure design, airspace pollutant emission assessment, energy-saving track optimization, and internet of aircrafts;
- **Airspace safety situational awareness**, including airspace operation conflict detection, airspace safety risk evolution, airspace safety situation monitoring, terminal area operation safety assessment, and mixed-operation airspace safety assessment.

Guest Editors

Prof. Dr. Honghai Zhang

Prof. Dr. Xinglong Wang

Dr. Gang Zhong

Prof. Dr. Xinping Zhu

Deadline for manuscript submissions

closed (4 November 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/169261

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)