

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

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Prof. Dr. Xinping Zhu

Deadline for manuscript submissions

closed (4 November 2023)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

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