Special Issue

Next-Generation Drones for Urban Air Mobility: Advances and Innovations

Message from the Guest Editors

The Special Issue "Next-Generation Drones for Urban Air Mobility: Advances and Innovations" aims to showcase the latest research, advancements, and perspectives in the field of drones and its impact on the next generation of urban air mobility. The scope of the Special Issue will include, but is not limited to, the following topics:

- Overview of the present and future trends in urban air mobility.
- Novel drone architectures and innovative materials.
- Advanced hybrid and conventional propulsion systems for drones.
- Carbon-neutral and zero-emission fuel technologies for drones.
- AI-powered navigation and flight control systems.
- Vertiports and innovative infrastructure for UAM.
- Developments in communication networks and safety protocols.
- Autonomous flight technologies for improved reliability and scalability.
- Policy, regulatory, and economic aspects of drone adoption in urban air mobility.

We welcome original research articles and review articles that address any of the above topics or related areas. We look forward to receiving high-quality submissions that contribute to the advancement of the field of drones, UAM, and the aerospace industry.

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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.

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