



Next Generation of Unmanned Aircraft Systems and Services

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Message from the Guest Editors

Dear Colleagues,

Unmanned Aircraft Systems (UASs) have undergone increasing investigation in various research and service areas to support humans and enhance operations. In the future, it is expected that airspace in the metropolitan environment will be shared with traditional low- or very low-flying manned and unmanned vehicles (e.g., unmanned aircraft systems (UASs) or urban air mobility (UAM) vehicles such as aerial taxis) that cover a wide range of services. These innovations could help to drive the growth of UASs and open new opportunities for their use in various industries and sectors.

The topics of interest include, but are not limited to:

- UAS and UAM use cases, services
- UAS air-to-air and air-to-ground connectivity
- Swarm and path planning
- UAS conflict management and coordination
- Hardware and embedded systems for UAS
- Emerging aerospace applications of UAS
- UAS modeling, simulation, and evaluation

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Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

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