

## Special Issue

# Advances in UAV Networks Towards 6G

### Message from the Guest Editors

Unmanned Aerial Vehicles (UAVs) have been widely accepted as one of the potential technologies for future six-generation (6G) networks. On the one hand, UAVs can serve as aerial relays and access points (APs) to extend the coverage range of networks and provide communication connectivity. On the other hand, UAVs can also be flexibly deployed as aerial servers to provide computing ability, such as mobile edge computing-enabled UAV networks. Different from ground base stations in cellular networks, UAVs are characterized by the high mobility, which brings new optimization perspectives, such as cooperative control, positioning, and trajectory design. Furthermore, UAV networks are characterized by unique channel attributes of UAV-ground links, asymmetric quality of service (QoS) demands for downlink commands and uplink data transmission, and energy limitations. These distinctive features make the deployment of UAVs in future 6G networks a challenging issue that requires innovative strategies to ensure effective integration and operation.

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### Guest Editors

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### Deadline for manuscript submissions

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## Drones

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## About the Journal

### 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.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

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### Editor-in-Chief

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