

## Special Issue

# UAV-Assisted Mobile Wireless Networks and Applications

### Message from the Guest Editors

UAV (Unmanned Aerial Vehicle)-assisted mobile wireless networks are expected to be used in a wide range of applications such as agriculture, transport, environmental monitoring and rescue operations. To realize these applications, it is crucial to establish efficient network operation techniques. Therefore, the special issue calls for papers regarding the recent advances related to UAV-assisted mobile wireless networks in a wide range of topics, including (but not limited to) the following:

- UAV mobile control techniques
- Control of UAV-assisted networks
- Performance evaluation of UAV-assisted networks
- Applications for UAV-assisted mobile wireless networks
- Multi-hop networking
- Traffic management in UAV-assisted networks
- Smart autonomous networks
- UAV sensor networks
- Security measures for UAV networks
- Energy-efficient routing
- On-UAV edge computing
- Collision avoidance for UAVs
- Experimental platforms for UAV-aided mobile networks
- AI-based UAV network control

### Guest Editors

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### Deadline for manuscript submissions

closed (9 May 2025)



## 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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