

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

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About the Journal

Message from the Editor-in-Chief

Drones is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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