UAV-Assisted Internet of Things

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closed (20 December 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on latest research solutions to efficient sensing, data collections, data transmissions, and computing in UAV-assisted IoT networks, such as cooperative flying trajectory scheduling of multiple UAVs, fast and dynamic UAV networking, coordination between monitoring UAVs and communication UAVs, the charging scheduling of UAVs, simultaneous sensing and charging, flying edge computing, etc.

Papers are solicited in areas related to these topics, including, but not limited to, the following:

1. The path scheduling of multiple UAVs for mobile sensing and data collection;
2. Efficient, dynamic, robust, and/or fair UAV networking;
3. Energy and sensing resource management of UAVs;
4. Real-time (edge) computing scheduling in UAV-assisted networks;
5. Spectrum management in UAV-assisted networks.

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Special Issue

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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.

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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