Advances in Drone Communications, State-of-the-Art and Architectures

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editor

Dear Colleagues,

Drones are playing a consequential role in distributing critical information at the edge of the network and, additionally, auxiliary for deploying Long-Term Evolution (LTE) networks in remote locations. In recent works, many researchers have fixated on the various aspects of drones communications. However, the development of robust, high-capacity communication systems is a crucial challenge. The field of drone communication and networking will grow in the future and drones will become ever-more numerous in our skies. This Special Issue aims to assemble current and state-of-the-art research and future directions for drone communications, as well as their role in subsisting cellular setups.

Keywords

- Drones
- UAVs
- UAV-routing
- Protocols
- Cooperative Rendezvous
- Mutual task allocation for drones
- Drone-Security
- Drone to Drone networking

Dr. Vishal Sharma,
Guest Editor

Special Issue

Editor-in-Chief

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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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