



Wireless Networks and UAV

Guest Editor:

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Deadline for manuscript
submissions:

closed (14 May 2024)

Message from the Guest Editor

Dear Colleagues,

We are inviting submissions to a Special Issue of *Drones* on the subject of “Wireless Networks and UAV”.

This Special Issue focuses on new developments in the field of placement, smart network control, and the navigation of unmanned vehicles from theoretical to experimental studies.

Potential topics include, but are not limited to, the following:

- Efficient and resilient deployment of aerial drones;
- Control of unmanned vehicles-aided networks;
- UAV-aided mobile sensor networks;
- Autonomous vehicles networks monitoring;
- Energy-efficient UAV tracking of mobile targets;
- Energy harvesting for networks composed of unmanned vehicles;
- Traffic monitoring aided by unmanned vehicles;
- Beyond 5G space–air–ground network control;
- Coverage optimization and control in UAV surveillance;
- Smart autonomous networks of vehicles;
- Collision avoidance for unmanned vehicles;
- Autonomous networks for deep space exploration;
- Experimental platforms for UAV-aided mobile networks.





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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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