Special Issue

Recent Advances in UAVs for Wireless Networks

Message from the Guest Editors

Unmanned Aerial Vehicles (UAVs) such as drones in 6G are envisaged to be capable of understanding the semantics of spatial and temporal environmental changes, adjusting their trajectories, intelligently collecting local data, orchestrating their platoons, and immediately responding to unforeseen events while interactively collaborating with other drones, machines, and humans. While this limit has successfully served content delivery networks for decades, many emerging applications with UAVs, drones, ranging from tactile internet and autonomous vehicles to disaster response and haptic applications, involve interactions between machines and humans where information content would play a role in the design and performance of the communication channel on the move. Most existing space learning systems are centralized with data streamed from devices, drones, and satellites. Nevertheless, such a centralized approach may lead to privacy issues, breach applications' latency restrictions, or become ineffective due to high cost, bandwidth, or border constraints.

Guest Editors

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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.

Editor-in-Chief

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