

Special Issue

UAVs Communications for 6G

Message from the Guest Editors

The integration of UAVs into 6G calls for a paradigm shift on the design of both cellular and UAV communications systems due to the high altitude and mobility of UAVs, the unique channel characteristics of UAV-ground links; the asymmetric quality of downlink and uplink data transmission; the stringent constraints imposed by the size, weight and power limitations of UAVs; as well as the intra-system and inter-system interference of the integrated networks. In order to provide users with smooth service experience and improve the resource utilization of integrated UAVs and 6G networks, the emergence of new theories, architectures and technologies such as the mechanisms of cognition for wireless and actual environment, data-driven intelligent learning mythologies, self-optimization and control need to be investigated and implemented. Therefore, prospective authors with original research articles and reviews are invited to submit articles on the topic of "UAVs Communications and signal processing for 6G".

Guest Editors

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Deadline for manuscript submissions

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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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