



Drones: Opportunities and Challenges

Guest Editors:

Message from the Guest Editors

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Deadline for manuscript
submissions:

closed (16 October 2023)

Due to their incredible potential in both military and civilian applications, such as recognition, inspection, mining, precision agriculture, vigilance, and emergency aid, which call for drones that can evolve in a stable form and adapt to the operating environment, these topics have been under constant development. To ensure mission success, the majority of applications require robust and reliable solutions and algorithms, in addition to creative drone designs, e.g., helicopters, ducted fans, tilted props, parallel props, tiltable props, morphing, and multi-platforms. The Special Issue encompasses both theoretical and experimental avenues pertinent to different drone configurations including fixed-wing drones, multirotors, drone formations, and unconventional (convertible) drones, etc.

This Special Issue aims to provide a venue for multi-disciplinary researchers working in the domain of drones.

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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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