Path Planning for Drone Operations under Varying Environments and Platforms

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

Drones have been actively considered in a wide spectrum of applications and case studies. Although their underlying potential is clear, they are often used as simple camera and sensor carriers or data collectors. On the other hand, more sophisticated drone applications have been demonstrated in simulation environments, though their implementation has led to insurmountable challenges that are not addressed or even identified in virtual schemes. Therefore, there is a clear necessity to focus on realistic objectives and paradigms to guide drone use towards safer, more robust and realistic conditions and to determine the plausibility of drone involvement in real-life applications. Addressing this gap may prove quite beneficial in increasing the acceptance and incorporation of drones in many other research areas and societal challenges and changing the mindset of researchers and academics.

This Special Issue aims to attract original studies concerning implementations, theoretical approaches, algorithms, applications.

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Special Issue

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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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