Path Planning for Drone Operations under Varying Environments and Platforms

Guest Editor:

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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

Editor-in-Chief

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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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