A UAV Platform for Flight Dynamics and Control System

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Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editors

We are pleased to invite you to submit manuscripts to the MDPI Drones Special Issue entitled "A UAV Platform for Flight Dynamics and Control System". This Special Issue is aims to collect and review papers presenting any problems encountered and solved during the use of UAV platforms for flight dynamics and control systems: 1) studying the UAV platform flight dynamics and control system for different applications; 2) providing UAV platforms for flight dynamics and control approaches based on multi-agent intelligent control; 3) providing new methods for data analysis, highlighting their strengths and weaknesses; 4) intelligent control of UAV platforms with computer vision payload; and 5) other original miscellaneous approaches. Any type of application of interest for research and practice is welcome under the condition that it is based on the UAV platform's flight dynamics and control system. The areas of interest for the applications can vary from architectural to environmental, volcanic, geological, civil engineering and agricultural fields, including, for example, autonomous tracking and rescue based on UAV platforms.
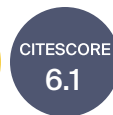
Special Issue

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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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