Special Issue

A UAV Platform for Flight Dynamics and Control System

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.

Guest Editors

Prof. Dr. Zhaokui Wang
Dr. Xiumin Diao
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Deadline for manuscript submissions

closed (15 January 2024)

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About the Journal

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.

Editor-in-Chief

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