

Special Issue

Emerging Technologies and Innovations in Unmanned Aerial Vehicle Control Systems

Message from the Guest Editor

Unmanned aerial systems are becoming a key factor in reducing the required time, risk, and cost related to a wide range of both military and civil applications. Enforced by the growing availability of miniaturized avionic systems, many efforts have been devoted to the development of novel design tools for optimal performance, efficient control laws, and accurate state estimation algorithms. By taking advantage of consolidated experience in both unmanned and conventional aviation, manufacturers and transport stakeholders are also investigating concepts of personal air transportation systems, where reliability, efficiency, and flexibility of guidance, navigation, and control laws is paramount. This Special Issue aims to collect new developments and emerging technologies in the field of UAV control with reviews, regular research papers, communications, and short notes. We encourage submissions which provide the community with the most recent advancements in all aspects of guidance, navigation, and control.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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