

## Special Issue

# Advanced Intelligent Decision-Making and Flight Control of Unmanned Aerial Vehicles

### Message from the Guest Editors

With the deep integration of unmanned aerial vehicles (UAVs) with intelligent computing and other information technologies, an intelligent unmanned system has evolved, integrating information perception, autonomous decision-making and dynamic control. Such a system will gradually replace manned aircraft to perform military and civil tasks in the complex environments of the future. To successfully accomplish these tasks, UAVs are required not only to have intelligent decision-making abilities so as to adapt to unknown environments, but also to have good flight control performance in complex dynamic environments. Therefore, the intelligent decision-making technologies and the safe flight control schemes of UAVs in complex dynamic environments need to be fully considered in the future research into UAVs. This Special Issue aims to provide a forum for researchers and practitioners on UAVs to disseminate their new ideas and research results. At the same time, the themes of “[The 6th International Symposium on Autonomous Systems](#)” are related to the Special Issue.

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### Guest Editors

Prof. Dr. Mou Chen

Prof. Dr. Bin Jiang

Prof. Dr. Youmin Zhang

Dr. Zixuan Zheng

Dr. Shuyi Shao

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### Deadline for manuscript submissions

closed (30 September 2023)



## Drones

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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.

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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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