

Special Issue

Swarm Intelligence-Inspired Planning and Control for Drones

Message from the Guest Editors

We are pleased to invite you to submit manuscripts to the MDPI *Drones* Special Issue on “Swarm Intelligence-Inspired Planning and Control for Drones”. This Special Issue is inspired by the applications of networked drones in complex and variable missions. Within this context, we invite manuscripts for this Special Issue on “Swarm Intelligence-Inspired Planning and Control for Drones”. Papers are solicited in areas directly related to topics including, but not limited to, those listed below: (1) Swarm intelligence-based task and path planning for drone swarms; (2) Cooperative control scheme for drone swarms; (3) Optimization techniques for swarm behavior and performance; (4) Collision avoidance and conflict resolution in drone swarms; (5) Real-time communication and coordination among networked drones; (6) Applications of swarm intelligence for drones in dynamic and complex environments.

Guest Editors

Prof. Dr. Kaiyu Qin

Prof. Dr. Haitao Nie

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Deadline for manuscript submissions

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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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