

Special Issue

UAV Trajectory Generation, Optimization and Cooperative Control

Message from the Guest Editors

We are pleased to invite you to submit manuscripts to the MDPI *Drones* Special Issue on “UAV Trajectory Generation, Optimization and Cooperative Control”. This Special Issue is inspired by the applications of UAVs in complex and variable missions. Within this context, we invite manuscripts for this Special Issue on “UAV Trajectory Generation, Optimization and Cooperative Control”. Papers are solicited in areas directly related to topics including but not limited to those listed below:

- Path planning and trajectory generation for UAVs;
- Trajectory optimization for UAVs;
- Collision avoidance for UAVs in complex environments;
- Distributed cooperative guidance, control and optimization for UAVs;
- Dynamic positioning/path following/trajectory tracking/target tracking problems of UAVs.

Guest Editors

Prof. Dr. Kaiyu Qin

Prof. Dr. Haitao Nie

Dr. Yikang Yang

Prof. Dr. Xue Li

Prof. Dr. Jinliang Shao

Prof. Dr. Lei Shi

et al.

Deadline for manuscript submissions

closed (8 July 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

Prof. Dr. Diego González-Aguilera

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