

Special Issue

Intelligent Autonomous Control and Swarm Cooperative Control of Unmanned Systems

Message from the Guest Editors

Unmanned systems, which include UAVs, UUVs, USVs, UGVs, and so on, have become a hot high-tech industry due to their variety, flexible use, and wide application.

Unmanned systems are developing towards the direction of autonomy, intelligence, and clustering.

Intelligent autonomous control and swarm cooperative control of unmanned systems is the emerging product of the deep integration of unmanned systems, artificial intelligence, autonomous control, and swarm cooperative control and is becoming the frontier hotspot in the current academic theory and application field, receiving great attention in many countries. This Special Issue aims to provide a high-end academic exchange platform for domestic experts and scholars in the field of US autonomous control, swarm intelligence, and cooperative control and to share advanced theories, key technologies, and application achievements. Both research papers and overview papers are welcome.

Guest Editors

Dr. Ziyang Zhen

College of Automation Engineering, Nanjing University of Aeronautics and Astronautics, Nanjing, China

Assoc. Prof. Dr. Jia Song

School of Astronautics, Beihang University, Beijing 100191, China

Deadline for manuscript submissions

30 June 2025



Drones

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 5.6



mdpi.com/si/157428

Drones

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
drones@mdpi.com

mdpi.com/journal/

[drones](https://drones.mdpi.com)





Drones

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 5.6



[mdpi.com/journal/
drones](https://mdpi.com/journal/drones)



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

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility

: indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)