

Special Issue

Advances in UAV Detection, Classification and Tracking

Message from the Guest Editors

Nowadays, the research and development of unmanned aerial vehicles (UAV) and their state-of-the-art applications has become one of the fastest growing fields among scholars. The advancements in UAV core areas, such as detection, include visible-band and thermal infrared imaging, radio frequency and radar; classifications, such as micro, mini, close range, short range, medium range, medium range endurance, low-altitude deep penetration, low-altitude long endurance, and medium-altitude long endurance; tracking, including lateral tracking, vertical tracking, moving aerial pan with moving target and moving aerial tilt with moving target. This Special Issue intends to propose solutions to demanding problems associated with UAV detection, UAV classifications and UAV tracking.

Guest Editors

Prof. Dr. Daobo Wang

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

Dr. Zain Anwar Ali

1. School of Physics and Electronic Engineering, JiaYing University, Meizhou, China

2. Department of Electronic Engineering, Sir Syed University of Engineering and Technology, Karachi, Pakistan

Deadline for manuscript submissions

closed (31 August 2022)



Drones

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.4



mdpi.com/si/108196

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

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





Drones

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.4



[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)