

Special Issue

Unconventional Drone-Based Surveying 2nd Edition

Message from the Guest Editors

This Special Issue aims to collect papers addressing all kinds of problems encountered in unconventional drone-based surveying. Given that any type of sensor can be considered, with no limits other than the condition that the operations must be performed safely (including, but not limited to, cameras for Structure-from-Motion photogrammetry (SfM); thermal infrared sensors; multispectral or hyperspectral sensors; compact LiDAR; microphones; and sonars). The term "drone" refers to any unmanned object that can be used for surveying, thus encompassing Unmanned Aerial Vehicles (UAVs), Unmanned Surface Vehicles (USVs) (whether a boat or even a terrestrial vehicle), Unmanned Underwater Vehicles (UUVs), and even an element of a system in which two or more of these types of drones, or even of drones different types (e.g., UAVs and USVs), jointly operate.

Guest Editors

Dr. Arianna Pesci

Dr. Giordano Teza

Dr. Massimo Fabris

Deadline for manuscript submissions

31 May 2025



Drones

an Open Access Journal
by MDPI

Impact Factor 4.4
CiteScore 5.6



mdpi.com/si/165436

Drones
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 4.4
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)