

Special Issue

Drones and Machine Learning as a Complementary Tools in Wildlife Biology Studies

Message from the Guest Editors

The use of aerial drones (UAVs) for wildlife monitoring has grown rapidly in the past decade. The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights about the use of drones in wildlife biology studies, with the complementary tool of machine learning techniques, which will allow for species recognition, age, sex and body conditions, speed, behaviour and direction of the movement of the individuals detected during the period of observation. This Special Issue will welcome manuscripts related to the following themes:

- Use of drones, equipped with various sensors, for the monitoring of wildlife (with the potential automation using machine learning techniques);
- Use of drones in behavioral science (with the potential automation using machine learning techniques);
- Drones as a tool for the estimation of demographic parameters in wild populations;

We look forward to receiving your original research articles and reviews.

Guest Editors

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Deadline for manuscript submissions

16 January 2026



Drones

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.4



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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.

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Prof. Dr. Diego González-Aguilera

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