Special Issue

Drone Advances in Wildlife Research

Message from the Guest Editors

Advances in uncrewed aerial vehicles (UAVs) have rapidly expanded their utility and use in the fields of wildlife research and conservation. Applications include monitoring, mapping, sample collection and detection. In some fields of research, UAVs have provided a means of data collection that was not previously possible. This Special Issue aims to collate new developments, methodologies, best practices and applications of UAVs directly related to wildlife research (flora and fauna) and conservation. We welcome submissions that provide the community with the most recent advances in the use of UAVs for wildlife research including, but not limited to:

- UAV data collection methods
- Data processing
- Machine learning and AI
- Multispectral data
- Conservation applications
- Ecological monitoring
- Flora and fauna drone-related research
- Aquatic and terrestrial environments.

This SI aims to be gender diverse, with 50% of manuscripts led by female-identifying authors. We also strongly encourage submissions from the developing world. In addition, this SI will use the non-gendered term 'uncrewed' aerial vehicle.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2023)

Drones

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.4

mdpi.com/si/137581

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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.

Editor-in-Chief

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