

Special Issue

Drones for Biodiversity Conservation and Ecological Monitoring

Message from the Guest Editors

This Special Issue aims at collecting UAV applications contributing to a better understanding of biodiversity and ecosystem status, threats, changes and trends. We welcome submissions from purely scientific missions to operational management missions, evidencing the enhancement of knowledge in:

- Essential Biodiversity Variables and Ecosystem Services mapping
- Ecological Integrity parameters mapping
- Long-term ecological monitoring based on UAVs
- Mapping of alien species spread and distribution
- Upscaling ecological variables from drone to satellite images: methods and approaches
- Rapid risk and disturbance assessment using drones
- Ecosystem structure and processes assessment by using UAVs
- Mapping threats, vulnerability and conservation issues of biological communities and species
- Mapping of phenological and temporal trends
- Habitat mapping, monitoring and reporting of conservation status

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Drones is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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