

Special Issue

Drones for Wildfire and Prescribed Fire Science

Message from the Guest Editors

The use of unmanned aircraft systems for research and operations on wildland fires has been rapidly accelerated by developments in aircraft systems, sensors, telemetry, circuitry, and computers. This Special Issue will welcome manuscripts that link the use of UAS to the following wildland fire themes:

- Firefighter safety, management and control;
- Characterization of fire dynamics;
- Plume dispersion; Detailed forest mapping;
- Characterization of fire emissions; Meteorological measurements;
- Detection and tracking of elements (e.g., people, animals, vehicles, etc.).

We look forward to receiving your original research articles and review papers.

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Assistant

Guest Editors

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Deadline for manuscript submissions

closed (25 August 2025)



Drones

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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.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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