

Special Issue

Unmanned Aircraft in Fire Research and Management

Message from the Guest Editors

Unmanned aircraft systems (UAS) and their payloads are especially well-suited to improve fire management and research. This Special Issue will provide a forum for sharing some of the most up-to-date information regarding the following topics:

- Platforms, systems, and general characteristics of UAS suited for field use in fire science and management
- Case studies of UAS used for fire observation, mapping, suppression, or effects monitoring
- Payloads for remote sensing applications, especially in the context of fire-related applications
- Regulations applicable to the use of UAS both away from the fireline and during active fires. (Submissions may choose to focus on individual large countries with complex airspace regulations such as the USA, or to provide survey and overview of regulations in multiple areas if warranted.)
- Lighting and fighting fires with UAS
- Remote sensing of fire behavior and effects
- Operational monitoring of firelines and UAS use for situational awareness

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Fire is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire's* Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

Editor-in-Chief

Dr. Grant Williamson

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