

Special Issue

Use of UAVs in Wildfire and Prescribed Fire Management

Message from the Guest Editor

The rapid technological development of Unmanned Aerial Vehicles (UAVs), along with the associated technologies of aerial robotics and artificial intelligence (AI), have led to advancements in their utility and use across a wide variety of fields. This includes the use of UAVs in the detection, monitoring, and management of wildfires. More recently, research has been conducted in order to determine whether UAVs can be used with AI or fire behavior models to improve the prediction of fire behavior. In addition, UAVs have the potential to produce fire hazards and probability maps that could enhance the management of both wildfires and prescribed burns. The aim of this Special Issue is to collect recent research that addresses the potential use of UAVs in wildfire and prescribed fire management and enhances our knowledge in the area.

Guest Editor

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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

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