

Special Issue

Advanced Approaches to Wildfire Detection, Monitoring and Surveillance

Message from the Guest Editors

We are pleased to invite you to submit a paper to the Special Issue of the journal *Fire*. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Wildfire detection, monitoring and surveillance in wildland–urban interfaces (WUIs);
- Fire detection and monitoring in open-space areas, such as disposal sites, garbage dumps, warehouses, marinas, dry-land marinas, harbors, parking places, etc.;
- Wildfire video-based detection, monitoring and surveillance, including model-based, data-driven and learning-based approaches;
- Wildfire detection and monitoring via satellite and aerial remote sensing systems;
- Wildfire detection validation and testing;
- Preparation and presentation of databases for wildfire detection training, validation and testing;
- Post-fire monitoring of burned areas and their analysis;
- Integration of wildfire video monitoring with other advanced methods such as the Internet of Things (IoT) and/or Crowdsourcing;
- Integration of wildfire monitoring and surveillance with advanced ICT systems.

Guest Editors

Prof. Dr. Darko Stipanicev

Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split, Split, Croatia

Dr. Giovanni Laneve

Earth Observation and Satellite Image Applications Laboratory (EOSIAL), School of Aerospace Engineering (SIA), Sapienza University of Rome, Via Salaria, Roma, Italy

Deadline for manuscript submissions

31 July 2025



Fire

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 3.9



mdpi.com/si/196094

Fire
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fire@mdpi.com

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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

School of Biological Sciences, University of Tasmania, Private Bag 55,
Hobart, TAS 7001, Australia

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