

Special Issue

Wildfire Smoke Effects on Public Health

Message from the Guest Editors

The extensive fires release a complex mixture of hazardous pollutants into the atmosphere. Exposure to this toxic smoke plume & heatwave conditions presents considerable threats to both the immediate & long-term health & overall quality of life of impacted populations. The SI seeks to explore the intricate relationship between wildfires or bushfires, heatwaves, the deterioration of air quality, & their profound consequences on public health. We strongly encourage the submission of original research articles & reviews that offer critical insights into environmental & occupational exposure data concerning health-relevant pollutants originating from wildfires.

- Health impacts of acute & chronic wildfire smoke exposure.
- Epidemiological studies across diverse populations & regions.
- Biomarkers of exposure & effect.
- Mechanistic studies in cell & animal models.
- Occupational health impacts on firefighters, first responders & outdoor workers.
- Mental health & psychosocial effects of wildfire events.
- Wildfire smoke & vulnerable populations.
- Public health communication, risk mitigation & community resilience.
- Air quality monitoring, modeling & exposure assessment.
- Fire regimes & public health trends.

Guest Editors

Prof. Dr. Anthony White

Dr. Kiam Padamsey

Dr. Luana Main

Prof. Dr. Chris R. Carlsten

Deadline for manuscript submissions

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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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