

Special Issue

Industrial Fires and Explosions: Risk Assessment, Prevention, Detection, Mitigation and Impact

Message from the Guest Editors

We are pleased to invite you to submit your contribution to this Special Issue, which is intended to give an overview of the state of the art in regard to preventing and monitoring the threat of industrial fires and explosions, as well as to mitigating the consequences of those events and investigating their impact. Research areas may include (but are not limited to) the following:

- Studies of the causes of industrial fires and explosions;
- Case reports and analyses of industrial fire/explosion accidents;
- Methods of preventing fires and explosions, particularly related to emerging technologies;
- Methods and approaches to detecting the leakage/spillage of flammable substances, in the context of preventative monitoring;
- Fire/explosion risk assessment studies for emerging technologies, including energy storage systems (batteries, hydrogen storage);
- Studies of the impact of industrial fires/explosions on the infrastructure, personnel and the environment;
- Approaches to mitigating the consequences of fires/explosions.

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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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