Special Issue

Fire/Explosion Risk Assessment and Loss Prevention of Hazardous Materials, Mines and Natural Gas

Message from the Guest Editors

With the continuous and rapid development of industrialization, the safety risks of traditional high-risk industries, such as hazardous materials and mines, are constantly increasing. For the prevention and control of hazardous materials, natural gas, and the environment of mines, there is an urgent need to promote research in theories or technologies related to fire/explosion risk monitoring, early warning systems to anticipate disasters, and real-time decision-making. This Special Issue aims to contribute to the knowledge and understanding in signal monitoring in relation to hazardous materials, natural gas, and mines; pattern recognition of disaster-causing factors; real-time status perception; accurate determination of fire/explosion hazards; theoretical risk early warning; and technical safety protection. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- hazardous materials, mine, natural gas
- fire and explosion
- risk assessment
- monitoring and early warning
- safety precautions

Guest Editors

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Deadline for manuscript submissions

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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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