Special Issue

Prevention and Control of Mine Fire

Message from the Guest Editors

Mine fires are the main disasters that occur in mines, including internal fires (coal spontaneous combustion) and external fires. Mine fires can not only burn coal resources and cause significant economic losses, but can also lead to gas combustion, dust explosion and other accidents, leading to serious casualties. This Special Issue, “Prevention and Control of Mine Fire”, aims to comprehensively reflect the research progress and latest achievements in the field of coal spontaneous combustion in mines, cover recent developments in occurrence mechanisms, new techniques and equipment, safety management and risk assessment, emergency rescue theories and technologies for the control of mine fires. Original research articles and reviews are welcome, research areas may include (but are not limited to) the following:

- mine fire;
- coal spontaneous combustion;
- fire prevention;
- fire detection;
- airflow regulation;
- safety management;
- risk assessment;
- fire spread;
- emergency response.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Botao Qin

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Dr. Zhenlu Shao

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Deadline for manuscript submissions

closed (15 December 2024)

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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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