



fire



an Open Access Journal by MDPI

Prevention and Control of Mine Fire

Guest Editors:

Prof. Dr. Botao Qin

Dr. Dong Ma

Dr. Quanlin Shi

Dr. Zhenlu Shao

Dr. Lele Feng

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

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



mdpi.com/si/171846

Special Issue