



Prevention and Control of Fire and Explosion in Mining Industry

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Message from the Guest Editor

Dear Colleagues,

Prevention and Control of Fire and Explosion in Mining Industry" is a Special Issue of the *International Journal of Environmental Research and Public Health*. Mine fires and explosions still occur from time to time around the world, such as conveyor belt fires, spontaneous combustion of coal, gas burning and explosion, dust explosion, etc. This has led to heavy property losses and casualties. At present, occurrence and development law and the disaster-causing characteristics of mine fires and explosions have not been effectively revealed, and the existing technology cannot realize the early accurate identification and early warning of disasters such as gob fires. In order to meet the needs of emergency disposal and efficient rescue of mine fire and explosion accidents, this Special Issue focuses on the occurrence and development characteristics of fires and explosions in underground goaf and complex roadway networks, methods and technologies for the early accurate identification and rapid determination of fire source location, high-efficiency green fire-fighting materials and technologies, emergency rescue theory and technology, etc.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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