

## 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

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### Guest Editors

Dr. Chuyuan Huang

Dr. Haipeng Jiang

Dr. Lijuan Liu

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### Deadline for manuscript submissions

closed (31 October 2024)



## Fire

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# Fire

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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