



Advancements in Fire Safety Science and Engineering: From Fundamental Understanding to Practical Applications

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Message from the Guest Editors

Dear Colleagues,

With the economic development and technological progress at home and abroad, the growth rate of the number and severity of fires has decreased, but it is still an important risk factor threatening human property and life safety. Due to this, numerous domestic and foreign scholars have conducted extensive research on fire prevention technology and control mechanisms, ultimately achieving impressive outcomes. Numerous advanced technologies have emerged, encompassing ventilation technology, fire prevention, mining safety, and electrical safety. Furthermore, innovative safety management concepts, experiences, and methodologies for fire safety production have also been developed.

In this Special Issue, original research articles and reviews are welcome.

Research areas may include (but not limited to) the following:

1. Ventilation technology;
2. Gas prevention and control;
3. Fire prevention;
4. Mining safety;
5. Innovative safety management.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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