

Special Issue

Fire Prevention and Control in Urban Infrastructure and Underground Space

Message from the Guest Editors

In the large-scale development and utilization of underground space, fire safety is the most striking issue. Evacuation and rescue are far more difficult than the ground, and the damage will be much higher than the ground. Most underground spaces are very small, and once a fire occurs, serious consequences will be caused, which will not only cause damage to the structure of the underground space, but even threaten the life safety of the people inside. Underground space mainly includes civil defense engineering, commercial space, subway, etc. There are certain differences in various space forms, which cause troubles to fire prevention and control work. Therefore, in-depth analysis of the characteristics and causes of fires in underground spaces, comprehensive optimization and improvement of relevant fire prevention measures combined with the basic characteristics of underground spaces, research on fire prevention countermeasures, and prevention of fire occurrences are a major subject to strengthen fire prevention in underground spaces.

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