



fire



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Advances in Building Fire Safety Engineering

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Message from the Guest Editors

Dear Colleagues,

Since building fire casualties are mainly caused by toxic smoke, research on indoor fire smoke control is important. The aim of this Special Issue is to provide a platform to present the latest developments in building fire prevention and indoor smoke control and discuss their possible implications for associated regulations and standards. Original fundamental and applied research into experimental, theoretical and computational modeling and case studies that contribute towards the understanding and improvement of building fire prevention and indoor smoke control are welcome. Research areas may include (but are not limited to) the following topics :

- Building fire dynamics;
- Smoke characteristics, transport and control in buildings;
- Performance-based design of building fire;
- Fire modeling and simulation;
- Human evacuation.



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Special Issue