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## Fire Performance Materials and Structure

Guest Editor:

### Message from the Guest Editor

Dear Colleagues,

Deadline for manuscript  
submissions:  
**closed (31 July 2024)**

Fire poses a severe threat to the safety and durability of material and structures. Further, a severe explosive fire can damage materials and structures, causing failure in local components or even the collapse of overall structures, along with related buildings. This can therefore result in casualties, serious economic and property losses, and in some cases even the loss of life.

To ensure the safety of structures over their full lifecycle, reliable and preferable design strategies, construction measures, comprehensive protection techniques and early pre-warning and monitoring methods of fire loadings will be required. Therefore, new fire performance materials and structures must be developed, together with intelligent safety methods and innovative protective techniques, to prevent these sudden occurrence of fire loadings.

This Special Issue invites the submission of research into extreme fire loading effects, fire performance material, new members, intelligent pre-warning methods and protective measures used in structures.

*Guest Editor*



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**Special** Issue