Special Issue

Fire Prevention and Flame Retardant Materials

Message from the Guest Editors

Fire is a major threat to business, commerce, and society, in which building fires with the highest proportion feature rapid-fire development and difficult firefighting and rescue. The application of fire-retardant materials has demonstrated success in reducing fire losses by delaying or preventing products of combustion from propagating into the adjacent space. The design and application of novel and high-efficient fire-retardant materials are urgent requirements of economic and social development. Recently, many efforts have focused on nano-structured fire retardants, multifunctional fire-retardant coatings, mono-component intumescent flame retardants, bio-based flame-retardant materials, and so on. The development of fire-retardant materials and extinguishing technologies is conducive to ensuring the safety of construction and reducing the damage caused by fires. This Special Issue titled “Fire Prevention and Flame Retardant Materials” aims to collectively disseminate advanced research in the fields of design, preparation, performance, mechanism, and application of fire-retardant materials and fire extinguishing agents.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Fire is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire*'s Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

Editor-in-Chief

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