Special Issue

Sustainable Flame-Retardant Polymeric Materials

Message from the Guest Editor

We invite you to contribute as an author to this Special Issue, which aims to gather the latest advancements in fire retardancy research of polymers and polymer-based materials where sustainable approaches have to be highlighted. Due to their versatility, polymers and polymer-based composites have become indispensable in many economic sectors in modern society. This Special Issue offers an opportunity to publish an original research paper or review article summarizing the latest achievements in this field. The topics for articles include but are not limited to the following:

- Development of eco-friendly fire retardant polymeric materials (bulk, coatings, foams, textiles, aerogels, insulating materials, etc.);
- Bio-based fire retardants;
- Fire retardancy mechanisms and synergistic phenomena in fire retardancy;
- Fire risk testing procedures and fire retardancy class estimation/prediction;
- Multifunctionality of nanomaterials in fire retardancy.

Guest Editor

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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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