Special Issue

Energetic Materials and Fire Safety

Message from the Guest Editors

Explosive, pyrotechnic, and other energetic materials are widely used in various industries, including defense, oil and gas, and fireworks. However, the handling, storage, and transportation of these materials pose significant safety challenges due to their potential to cause accidental fires, explosions, and environmental hazards. In addition, the development of new energy storage technologies has led to the use of energetic materials in batteries and capacitors, further increasing the importance of fire safety in this field. The scope of this Special Issue includes but is not limited to, the following: the synthesis and characterization of novel materials, non-destructive testing and evaluation, risk assessment and management, fire suppression and extinguishment, and regulatory and policy issues. The goal is to advance our understanding of the fundamental principles and practical solutions for improving the safety and sustainability of energetic materials and related applications, including energy storage. We invite submissions from researchers and experts in the field to contribute to this Special Issue, which will provide valuable insights into this critical area of research.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2024)

Fire

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 3.9

mdpi.com/si/175342

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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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