Special Issue

Advances in Industrial Fire and Urban Fire Research

Message from the Guest Editors

The occurrence of a fire accident can have severe consequences, encompassing property damage, environmental pollution, and human casualties. Industrial park fires often entail the combustion of flammable materials, including hazardous substances, fuels, and chemicals. Furthermore, the presence of intricate machinery and advanced production systems within these parks further amplifies the risk and severity of industrial fires. Urban fires, predominantly transpire in densely populated areas characterized by high-rise buildings, congested regions, and interconnected structures. These distinctive attributes pose significant challenges in terms of fire prevention, evacuation, and firefighting endeavors.

This SI focuses on the original findings related to industrial fire and urban fire in experimental and simulation methods. It includes, but is not limited to:

Fire behaviors and dynamics;
Fire suppression and control techniques;
Fire risk assessment and management;
Personnel evacuation and human behaviors;
Prevention and control strategies of industrial fires and urban fires;
The combination of urban and industrial fires with AI technology.

Look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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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

Dr. Grant Williamson
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