

Special Issue

Advances in Fire Suppression

Message from the Guest Editors

Fire suppression has always been an important research area in fire science. In recent years, new issues have emerged with the development of clean and efficient fire suppression technology. For example, new halon alternatives have appeared in aircraft fire suppression research, but the related suppression mechanisms and system design methods still have problems. In the suppression of new energy fires, many widely used agents cannot effectively suppress the thermal runaway, and fires of energy storage equipment have attracted a great deal of attention. Compressed air foam fire-extinguishing technology has experienced rapid development. It is considered a very efficient fire-extinguishing method, but there are still problems in foam delivery and extinguishing performance evaluation. Ultrafine dry powder fire-extinguishing agents have shown the advantages of high fire suppression efficiency and suppression of reignition, but further research is needed regarding fire extinguishing concentration and effect. This Special Issue covers various research topics currently being investigated to provide this needed insight into fire suppression.

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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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