Topical Collection

Technical Forum for Fire Science Laboratory and Field Methods

Message from the Collection Editors

Since the 1950s, significant advances in wildland fire science have arisen due to research at combustion laboratories and during scaling and validation experiments in planned landscape fires. Often, calibration experiments, technical descriptions of methods and equipment, and descriptions of data go unpublished or are relegated to supplemental material. However, this can make it difficult for standards to be identified or for mistakes to be avoided by subsequent researchers. Furthermore, available data on physical properties such as thermal conductivity, bulk density, specific gravity, and heat of combustion are often difficult to find. This Topical Collection provides a permanent forum for wildland fire combustion laboratory and associated field researchers to share advances associated with data, equipment, and analytical methods. We welcome articles, technical notes, reviews, perspectives and viewpoints, and conference papers. Articles should seek to validate or cross-compare a method or model using laboratory or in situ measurements.

Collection Editors

Prof. Dr. Claire Belcher

Dr. David M.J.S. Bowman

Dr. Evan Ellicott

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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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