

Special Issue

Paleo-Perspectives on Fire in the Earth System

Message from the Guest Editors

Fire is increasingly recognized as an important component of the Earth system with deep roots in geologic history. Recently, extreme and damaging fire events have sparked great interest in the drivers and controls of fire. Historical records are short relative to the long time scales on which climatic and ecological drivers of fire operate. Paleofire records thus offer context with which we can assess the magnitude of observed burning, infer fire-climate and fire-vegetation relationships, and predict the impact of anthropogenic climate change on fire regimes. The paleo-record provides a perspective of fire history both before and as humans became the dominant influence on global fire activity, allowing us to establish baselines. An array of proxies, methodologies, statistical analyses, and earth system archives facilitate the paleofire approach, making it a dynamic, exciting and uniquely interdisciplinary field of study. In this Special Issue, we seek articles aiming to understand the history, controls, evolution, and impacts of fire on Earth, across all temporal and spatial scales. We also welcome fire proxy developments, calibrations and comparisons.

Guest Editors

Dr. Grant Harley

Ms. Allison Karp

Ms. Jarunetr Nadia Sae-Lim

Mr. Troy Ferland

Mr. Richard Vachula

Deadline for manuscript submissions

closed (31 May 2020)



Fire

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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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