

## Special Issue

# Impacts of Combustion and Thermo-Chemistry

### Message from the Guest Editors

Combustion reactions exist in aspects of human production and life. On one hand, combustion reactions provide energy and power for human life and social development. Efficient combustion technology is the core of energy conversion. The energy supply equipment of internal combustion engine power machinery is the basis of national economic development and the construction of the national defense industry. Micro/meso-combustion power systems based on micro-electro-mechanical technology (MEMS), micro-satellites, micro-air vehicles and micro-mobile devices as energy supply devices are the research frontiers of national defense science and technology and high-tech industries. On the other hand, with the development of urbanization and the context of global warming, urban fires and forest fires occur frequently, so it is important to reveal the dynamic behavior of flames for fire prevention and control. The purpose of this Special Issue is to reveal the factors affecting combustion characteristics and explore the mechanism driving thermal-chemical interactions.

### Guest Editors

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Dr. Ming Xia

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### Deadline for manuscript submissions

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## 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.

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### Editor-in-Chief

Dr. Grant Williamson

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