

Special Issue

Fire Ecology and Management in Forest—3rd Edition

Message from the Guest Editors

The overall impact of fires on forest ecosystems is complex, ranging from a reduction in or elimination of above-ground biomass, to the changes in below-ground biomasses and the soil's physical, chemical, and biological properties. The severity of a fire depends on multiple conditions such as combustion intensity, fire duration, fuel load, fire occurrence time, and fire weather. With changes in climate, fire seasons are expected to lengthen, forest resistance to fires is undermined. It is important to quantify the impact of fire disturbance on forest ecosystems and to understand the necessity of new fire prevention and control technologies in forest fire management. Therefore, this Special Issue focuses on fire ecology, fire management and their interactions in the context of global climate change—how fire regimes change in the context of the global climate, what the different effects of fire are on forest ecosystems, what the possible effects of fuel management measures are on fires and forest ecosystems, and what the new fire prediction applications and firefighting techniques are in forest fire management.

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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