



Fire Ecology and Management in Forest—2nd Edition

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Message from the Guest Editors

Dear Colleagues,

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, and, forest resistance to fires is undermined.

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 Editorial Board

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