Special Issue

Forest Fire Ecology and Ecological Restoration

Message from the Guest Editors

Climate change, wildfires, and accentuated land use changes have resulted in the need to produce high-quality research to guide a more sustainable use of forestry resources. Most studies on fire ecology are related to specific aspects of fire on vegetation, soils, and wildlife, and usually at a particular scale of analysis. On the other hand, most studies considering the restoration of burnt areas mainly discuss aspects related to environmental changes at soil and vegetation levels, but data about the fire ecology of vegetation units and the success of human intervention over a long time lapse are missing. This Special Issue gathers scientific articles that could guide and improve the evaluations, fire damage perception, and management decisions after wildfire events. The relationship between forest fragmentation and degradation, fire, and management of different types of forests, the functional traits of species related to fire resistance, regeneration strategies after disturbances, evaluations on fire damage, biodiversity, the main processes altered by fire, fire resilience, and post-fire land management are study objects in the articles of this Special Issue.

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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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