Succession and Management of Forests after Fire Disturbances

Guest Editors:

Prof. Dr. Juana Maria Gonzalez Mancebo
Department of Plant Biology, Universidad de La Laguna, La Laguna, Santa Cruz de Tenerife, Spain

Dr. Víctor Bello-Rodríguez
Department of Botany, Ecology and Plant Physiology, Universidad de La Laguna, La Laguna, Santa Cruz de Tenerife, Spain

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Message from the Guest Editors

There is clear evidence that climate change increases the frequency and severity of fire weather around the world. On one hand, it is important to analyze the effects of fire on forest biodiversity and structure using old-growth forests as reference ecosystems and under the perspective of different types of species. This will likely offer new insights into this topic. On the other hand, different phylogenetic and ecological groups of organisms, which are not commonly used to evaluate the effects of fire can also introduce new points of view on the forest's responses to fire.

Wildfires produce a great impact in the short, medium, and long term on the whole forest ecosystem, and understanding these processes in the broadest possible sense can offer better post-fire management options.

This Special Issue should bring one important contribution to the mosaic of forest fire response biodiversity understanding—a point of view of different perspectives from different ecological and phylogenetic groups and under the reference of mature ecosystems. This could be an important collection to understand how to manage burnt forests to best preserve them from future disturbances.

Special Issue

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng
Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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