Special Issue

Resistance Genetics of Forest Trees

Message from the Guest Editors

In the last few decades, forests are experiencing an alarming incidence of alien pests and pathogens. Furthermore, global change is threatening the resilience of forest trees against biotic stressors. In this context, the selection of tree genotypes with superior resistance appears as one of the more reliable alternatives to mitigate the economic and ecological impacts of pests and diseases. This selection can be grounded on traditional breeding and more advanced tree biotechnology methods. Deepening the knowledge of tree resistance genetics is pivotal to progress in this field.

This Special Issue welcomes research works in all aspects of resistance genetics of trees and other woody species. Works can include traditional breeding, genetics, genomics, and molecular biology, as well as resistance to microbes, insects, nematodes, or parasitic plants. Works on biochemistry and the physiology of trees can also be welcome if they are proposed from a genetic perspective. Studies using novel analytical tools and traditional approaches are encouraged for this issue.

Guest Editors

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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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