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Impacts of Ozone on Forest Plants and Ecosystems

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Message from the Guest Editor

Tropospheric ozone is globally one of the most important air pollutant and greenhouse gases affecting forest trees and ecosystems. Although the responses of forest trees to ozone have been studied for decades, more knowledge and assessment is required to understand the acclimation and adaptation capacity of trees, phenotypic plasticity, and the molecular mechanisms behind the responses, as well as the interactions between ozone and other climatic and stress factors to devise better strategies for climate change mitigation and adaptation.

This Special Issue of *Forests* is focused on the effects of ozone on forest plants, covering all ecosystems and geographical areas. Research articles may focus on any aspect of ozone responses in forest plants, including physiological, biochemical, genetic and metabolic studies, and forest ecosystems, including interactions of other abiotic or biotic factors. Studies dealing with ozone resistance breeding and adaptive forest management are also welcome.



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Special Issue



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