Forest Dieback and Tree Mortality Risks from Environmental Changes

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Message from the Guest Editors

Die-off episodes related to extreme climate phenomena such as droughts are revealing the high vulnerability of forests worldwide. A high susceptibility of some species, stands or individuals to show a progressive loss in tree vitality, growth decline and a reduction in productivity in response to drought and heat stress is observed. Understanding the triggers of such die-off events, characterizing their productivity and growth drops, and searching for early warning signals of dieback and growth decline have emerged as one of the greatest challenges for the forest community.

We encourage researchers to contribute to this Special Issue of the journal *Forests* focusing on "**Forest Dieback and Tree Mortality Risks from Environmental Changes**" in order to promote knowledge on the drivers, patterns, mechanisms and consequences of these events. Studies involving empirical, retrospective and prospective approaches and using multiple disciplines (ecophysiology, dendroecology, pathology, climatology, quantitative wood anatomy) and proxies of forest productivity and tree functioning (e.g., remote sensing, wood anatomy, stable isotopes, etc.) are welcome.

Special Issue

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Message from the Editorial Board

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