



Forest Resilience to Extreme Events

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Message from the Guest Editors

Dear Colleagues,

The magnitude and frequency of climate-related extreme events are increasing as CO₂ levels continue to rise and the climate continues to warm. Climate warming is a fundamental cause of increasing extreme climate events, as predicted by the first and second laws of thermodynamics, as a consequence of warmer air being able to hold more water molecules. Forest resilience in the face of increasing extreme events has become a global concern. In this Special Issue, we invite the submission of the latest research related to measuring forest resilience, resistance, recovery, vulnerability, sustainability, and the study of forest stability in extreme events, particularly including climate-induced forest mortality from drought stress, insect attachment, forest fires, and other related climate changes by using various approaches, e.g., sap flow measurements, tree-ring data, manipulative experiments, remote sensing images, physiological modeling, and ecosystem–climate modeling.

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