

Special Issue

Forest Resilience to Extreme Events

Message from the Guest Editors

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.

Guest Editors

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Prof. Dr. Shuli Niu

Dr. Jingfeng Xiao

Deadline for manuscript submissions

closed (15 April 2022)



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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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