# Special Issue

# Impacts of Climate Change on Tree Physiology and Responses of Forest Ecosystems

## Message from the Guest Editor

Climate change-driven events, as heat waves. prolonged droughts, and floodings, are evident and characterised by noticeable intensity, frequency, and spatial distribution. However, forest trees may develop remarkable physiological mechanisms to cope with challenging environmental regimes caused by global warming, rising atmospheric CO2, fluctuating water availability, elevated N depositions, and others. Whether physiological resilience and resistance on the tree level result in ecophysiological responses ensuring plasticity of forest ecosystems to the ongoing climate change or if forests may be severely impacted by climate change are core questions of current forest research. This Special Issue of *Forests* aims at exploring the progress on key aspects of tree physiology and forest ecophysiology in light of climate change. We welcome review articles and original research papers from the leaf to the ecosystem level, based on experimental, theoretical, or modeling approaches.

#### **Guest Editor**

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### Deadline for manuscript submissions

closed (15 April 2021)



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mdpi.com/si/31501

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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.

#### Editor-in-Chief

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