

Special Issue

Responses of Forest Ecosystems to Climate Change

Message from the Guest Editor

Different climate change variables, such as the increase in atmospheric CO₂ levels, the resulting rise in temperature, and the drop in precipitation expected in certain regions of the world, have an impact on ecosystems and the benefits they provide. Forests ecosystems are of great importance globally, however, our knowledge of how forest ecosystems will respond to climate change still remains limited. Accordingly, this Special Issue welcomes original research papers, perspectives, hypotheses, opinions, reviews, modeling approaches, and methods with an emphasis on this topic. We especially welcome research concerning forest productivity, soil microorganisms and fauna, plant–insect interactions, and plant–plant interactions. Other topics of interest include, studies on how ecosystems function from local to regional scales; biodiversity; plant traits; physiology; ecophysiology; biochemistry; plant nutrition and nutrient cycling; abiotic and biotic stressors; as well as transcriptome, proteome, metabolome, and epigenome studies from cellular, sub-cellular, and whole individuals. Field experiments and more controlled experiments are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (24 February 2023)



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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.

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