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Global Change and Forest Plant Community Dynamics

Guest Editor:

Dr. Dylan Fischer

Field and Ecosystem Ecology
Laboratory, Lab 1, 3051, The
Evergreen State College, 2700
Evergreen Parkway NW, Olympia,
WA 98505, USA

Deadline for manuscript
submissions:

closed (25 November 2023)

Message from the Guest Editor

Dear Colleagues,

Global change impacts on plant communities may occur via drought, nutrient dynamics, land-use change, invasive species, pathogens, and altered disturbance regimes. Accordingly, much of the responsiveness of individual species to changing climate conditions depends on plant traits, life history strategies, asexual reproduction, phenological patterns in growth and reproduction, and interactions with other elements of forest ecosystems. The responsiveness of plant communities to global change will result from the amalgam of individual species' responses and interactions.

We invite authors to contribute manuscripts representing forest plant species and plant community responses to climatic variation. We aim to include papers presenting data on individual species, communities, and the results of modeling in the context of climatic variation. Potential topics include, but are not limited to:

Autecology

Assembly

Disturbance ecology

Plant distribution changes

Eco–evo dynamics

Phenological variation in understory species

Environmental filters

Species pools and legacy effects

Mortality and effects of pathogens

Plant reproduction and growth changes



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Special Issue



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Forests Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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