



## Tree Growth and Silviculture

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Deadline for manuscript  
submissions:

**closed (1 January 2024)**

### Message from the Guest Editors

Climate change affects forests in various aspects that have direct impact on the productivity of forest stands. Increasing temperatures and precipitation may increase the productivity of Boreal forests, yet increasing temperatures in temperate forests may lead to severe droughts, fires, other natural calamities that would have a negative impact on these forests growth. Thus, planned adaptation to the climate change mainly through the introduction of new silvicultural measures and strategies may create new opportunities that arise from a climate change. Additionally, productive forests accumulate more carbon, which could further be stored in various forms of wood products.

Thus, this Special Issue aims to present the state-of-the-art developments and best silvicultural practices in the management of the pure and mixed forest stands, in order to maintain their productivity in the presence of climate change.

Potential topics include but are not limited to:

- Climate change and forest growth;
- Growth of trees in mixtures;
- Growth of trees in pure stands;
- Fast-growing trees and their silviculture;
- Silviculture and carbon sequestration;
- Growth and yield modeling.





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