



## Forest Microclimate: Predictions, Drivers and Impacts

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### Message from the Guest Editors

Forest vegetation creates a special forest climate or microclimate. The microclimate is influenced by the macroclimate of the wider area, the type of forest habitat, topography, forest trees species, and the age and structure of the forest stand. Various physiological and ecological processes of vegetation growth, soil microbiology, biodiversity, and fauna are related to the microclimatic conditions. The silviculture treatments and the degradation of forest stands can also change the microclimate conditions. Urban forests can provide citizens with favourable conditions for rest and recreation. To study all the biological and ecological processes in forests, the data of forest climate or microclimate is important.

Potential topics include, but are not limited to:

Forest–microclimate interactions; Forest microclimate and natural regeneration; Silviculture treatments and forest climate; Large-scale forest disturbances and microclimate; Forest microclimate and soil microbiology; Forest phenology; Forest degradation; Canopy gaps; Climate change and forest climate change; Urban forests and park forests; Forest microclimate and wildlife.





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