Special Issue

Adaptation of Forest Lichen and Moss Systems to Invasive Species and Disturbances

Message from the Guest Editor

The adaptation of forest lichen and moss systems to invasive species and disturbances involves a complex interplay of ecological dynamics, resilience, and evolutionary adjustments. Lichens and mosses, which are key components of forest ecosystems, often serve as indicators of environmental health due to their sensitivity to changes in their habitats. The main factors influencing such ecological dynamics are as follows:
Competition: Invasive species often compete with native lichens and mosses for resources.
Altered Habitats: Invasive species can modify habitats by changing the microclimate, soil chemistry, or physical structure of the environment.
Disturbances: Events such as wildfires, storms, or human activities disrupt ecosystems, affecting lichen and moss populations.
Possibilities of Resilience and Recovery: Some bryophyte and lichen species exhibit remarkable resilience to disturbances and invasive species by employing survival strategies like dormancy or rapid reproduction.
Potential topics include but are not limited to the following:
Stress effects on lichens and mosses; Adaptation and resilience of lichen and moss systems; Monitoring; Management implications.

Guest Editor

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