

Special Issue

Plant Invasions in Forest Ecosystems: Understanding Arrival, Expansion and Management

Message from the Guest Editors

Alien plant species invasions pose serious threats to forest ecosystems by impacting biodiversity, ecological functions, and human interactions. The focus of this special issue is to understand the complex dynamics of plant invasions in forest ecosystems, to develop effective management strategies. This collection of articles aims to contribute valuable knowledge to mitigate the adverse effects of plant invasions and promote the coexistence of native and invasive alien species in forest environments sustainably. Further research will delve into the impacts of plant invasions on the ecological-chemical processes of the soil in forest ecosystems, as well as their role in forest carbon and hydrological cycles. Attention will also be given to the interplay between plant invasions and climate change, exploring their adaptability and influence on forest ecosystems under changing climatic conditions. This special issue serves as a platform for the scientific community and managers to gain a comprehensive understanding of the intricacies of plant invasions, driving us towards a more holistic approach to confront and address the challenges they pose to forest ecosystems.

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