

## Special Issue

# Plant Biodiversity Patterns and Their Driving Forces

### Message from the Guest Editors

Plant ecological communities are one of nature's most dynamic systems, with several species interacting and interconnected. Global climate change is a major challenge facing humanity and has led to an increased interest in the impacts and responses of plant species and ecosystems to environmental variation. Studies that test the influence of environmental variables on the ecology and physiology of plant species are necessary to understand how current and future climatic changes can impact species. This Special Issue will focus on all the aforementioned aspects under the section Ecology, potential topics include but are not limited to:

Ecological and physiological plasticity;  
Climate change and biodiversity patterns;  
Forest health and environment variability;  
Vegetation dynamics and ecological gradients;  
Environmental impact and community assembly;  
Community structure and species interactions;  
Species composition and diversity;  
Forest carbon sequestration, biomass, and soil carbon pool estimation.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 January 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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