



## Ecological Adaptation Strategies of Plants to Heterogeneous Environment

Guest Editors:

**Prof. Dr. Ming Dong**

**Dr. Yao-Bin Song**

**Dr. Xuehua Ye**

**Prof. Dr. Jinsong Chen**

**Prof. Dr. Fei-Hai Yu**

Deadline for manuscript  
submissions:

**closed (20 December 2022)**

### Message from the Guest Editors

In nature, plants' environments, including biotic and abiotic factors, usually vary in space and time at single and/or multiple scales, showing heterogeneity. Accordingly, in evolution, plants might form some ecological strategies adaptive to the heterogeneous environment. The plant strategies could be linked to and reflected in morphology, physiology, growth, reproduction, and/or life history, and so on. However, we still have limited knowledge about how plants exploit heterogeneous environments through their strategies. This Special Issue plans to deal with the ecological strategies of plants adapting to the heterogeneity, highlighting their important roles in coping with changing environments in diverse communities/ecosystems. It is aimed at an up-to-date compendium of recent researches on diverse ecological strategies of plants with regard to their adaptation to the heterogeneous environment.

Potential topics include, but are not limited to:

- Ecological adaptation strategies;
- Variations of plant functional traits;
- Phenotypical plasticity;
- Life history traits and trade-off;
- Clonal and non-clonal plants.





# forests



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giacomo Alessandro Gerosa**

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

## Message from the Editor-in-Chief

*Forests* (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access.

Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

**Journal Rank:** JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

## Contact Us

---

Forests Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/forests  
forests@mdpi.com  
X@Forests\_MDPI