Special Issue

Genetic Breeding of Trees

Message from the Guest Editors

As climate change intensifies and populations grow, improving forest tree genetics is vital for research and forestry applications. This enhancement can boost adaptability, growth rates, and the quality of timber, food, and medicinal products, while also increasing resilience to various stresses. This Special Issue aims to showcase original research and reviews on recent advancements in tree genetic breeding.

We welcome submissions on various topics, including:

- Innovative strategies for genetic improvement of tree species
- Evaluation of tree genetic resources
- Use of molecular markers and genomics in tree enhancement
- Biotechnological methods for improving forest trees
- Genetic basis of tree adaptability to environmental changes
- Breeding for resistance to biotic and abiotic stresses
- Relationship between forest ecosystem services and genetic breeding
- Molecular mechanisms of flowering and pollination in forest plants

Guest Editors

Dr. Wenhao Bo

State Key Laboratory of Efficient Production of Forest Resources, National Engineering Research Center of Tree Breeding and Ecological Restoration, College of Biological Sciences and Technology, Beijing Forestry University, Beijing 100083, China

Prof. Dr. Jinhuan Chen

State Key Laboratory of Efficient Production of Forest Resources, National Engineering Research Center of Tree Breeding and Ecological Restoration, College of Biological Sciences and Technology, Beijing Forestry University, Beijing 100083, China

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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/plants

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

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