

Special Issue

Forest Genetics and Plant Physiology

Message from the Guest Editors

Forests are among the most vital ecosystems on earth, they not only supply timber and non-timber commercial products but also serve to prevent soil erosion, protect water sources, regulate climate, sequester carbon, improve water quality and quantity, protect biodiversity, and provide habitats. Therefore, genetic research plays a crucial role in the conservation and assessment of forest biodiversity, as well as in understanding population genetic structures and genetic adaptability. In addition, the study of forest genetics and plant physiology has major economic impacts: many plants are genetically modified to increase yields and provide resistance to stress. This Special Issue aims to collect original research and review articles focused on topics of forest genomics, genetics, and breeding programs, including, but not limited to, genomic characterization, genetic dissection of various traits (growth, development, abiotic stress, etc.), gene cloning, and gene function study using genome editing and over-expression. New theories and technologies related to forest genetics and plant physiology are also within the scope of this issue.

Guest Editors

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Deadline for manuscript submissions

closed (25 December 2024)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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