

Special Issue

Phylogenetic Relationships and Molecular Evolution of Plants in Forests

Message from the Guest Editors

Forests are typical biodiverse and complex ecosystems on our planet and provide an incredible array of plant species. These plants in forests play critical roles in maintaining the overall health and function of forest ecosystems. Yet the molecular evidence of classification and evolution history of some plants in forests is still inadequate. This Special Issue aims to report the latest progress obtained in phylogenetic relationships and the molecular evolution of plants in forests. All type of articles including original research, reviews and new methods are greatly welcomed. The scope of this research topic includes, but is not limited to, the molecular evolution of tree plants, the phylogenetic relationship, plastid phylogenomics, SNP discovery, structure variation and the innovative evaluation of plant germplasm resources. Plant mitochondrial genome and specific molecular evaluation methods are preferentially considered. Papers exploring the development of molecular markers such as SSR, AFLP, MSAP, are also welcomed, but these markers should be obtained from a range of the population and verified beforehand.

Guest Editors

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Deadline for manuscript submissions

closed (30 December 2023)



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About the Journal

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.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).