Special Issue

Advancements in Bamboo and Rattan: Insights into Molecular Biology, Physiology, Ecology, and Applications

Message from the Guest Editors

Bamboo and rattan are invaluable forest resources that not only furnish raw materials for industry but also play a crucial role in ecosystems. Since the release of the first version of the Moso bamboo genome in 2013, remarkable advancements in bamboo research have been achieved. For instance, topics such as the rapid growth and flowering mechanisms of bamboo have been elucidated. Furthermore, regeneration systems and gene editing techniques in bamboo have been established. However, when compared to other plants like Arabidopsis and rice, the progress of research in bamboo and rattan remains relatively slow. As such, colleagues working in the field of bamboo and rattan face both great opportunities and challenges.

The aim of this Special Issue is to compile and showcase the latest progress in both basic and applied research encompassing all facets of bamboo and rattan, including molecular biology, physiology, ecology, and applications. We welcome the submission of research articles, case studies, reviews, and perspectives on these topics.

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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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