Special Issue

Stress Resistance of Rubber Trees: From Genetics to Ecosystem, 2nd Edition

Message from the Guest Editors

The second volume of this Special Issue aims to further expand the discourse, exploring the latest research advancements and innovative strategies for enhancing rubber trees' stress resistance at multiple levels: from genetics and molecular biology to agronomic practices and ecosystem management.

We invite contributions that delve into the following key areas:

1. Genetics and Molecular Biology of Stress Resistance: Uncovering the genetic basis of stress tolerance in rubber trees through genome-wide association studies, gene expression analyses and functional validation of candidate genes.

2. Biotic Stress Resistance: Addressing the threats posed by pathogens (such as powdery mildew, anthracnose and leaf blight disease) and pests (like leaf mites and root diseases).

3. Abiotic Stress Tolerance: Examining the responses of rubber trees to environmental stresses such as drought, cold, high solar radiation, soil salinity and heavy metal toxicity.

4. Translational Research and Implementation: case studies, best practices and policy recommendations for rubber-producing nations to adopt eco-friendly practices and genetically improved cultivars.

Guest Editors

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Deadline for manuscript submissions

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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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