Biotechnological Improvements of Plant Biomass in Forests

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Message from the Guest Editors

This Special Issue endeavors to bring forth the most recent breakthroughs in the area of biotechnological enhancement of plant biomass. This issue aims to shed light on the cutting-edge research and pioneering techniques that have emerged to augment the growth, productivity, and sustainability of plant biomass. The overall objective is to foster sustainable forestry practices and facilitate climate change mitigation through the application of these innovative methodologies.

The issue will comprise a diverse array of scientific studies, providing a holistic understanding of the multifaceted nature of biotechnological interventions in forest ecosystems. In addition, a broad range of methodologies and techniques are employed, such as genetic engineering, molecular breeding, and genome editing. Each of these methodologies will be explored in detail, providing an in-depth understanding of their strengths, limitations, and potential applications in the context of forest biomass enhancement. Furthermore, the Special Issue will feature in-depth investigations into the sustainable forestry practices associated with the biotechnological enhancement of plant biomass.

Special Issue

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Message from the Editorial Board

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