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Development of Woody Plants

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Message from the Guest Editor

The topic of the development of woody plants encompasses a multifaceted exploration of various interrelated aspects. Scientists investigate the morphogenesis and growth patterns of trees, scrutinizing the influence of environmental factors such as light and soil composition on their development. Physiological processes, including photosynthesis and responses to stressors, are studied alongside the genetic regulation governing growth and differentiation. Reproductive biology, ecosystem interactions, and wood formation, with a keen eye on quality, contribute to a holistic understanding, and the exploration of biotechnological applications, including genetic engineering, aims to enhance traits. Moreover, the research addresses the critical issue of climate change resilience, investigating how woody plants adapt and strategies to mitigate environmental impacts.



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Special Issue



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Message from the Editor-in-Chief

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