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Tree Traits and Chemistry

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Message from the Guest Editors

Trees are very important plants in supplying the atmosphere with oxygen, in the natural circulation of water, carbon, and nutrients, in activities related to wood production and soil erosion control, as well as in preserving biodiversity on Earth. Characteristics of their woods, barks, crown, root, leaves, and seeds strongly influence to aforementioned functions. Forests' survival is also momentous in the wake of global warming and other climatic changes, especially in arid zones. Alone or in conjunction with morphology, physiology, molecular biology, genetics, etc., the chemistry of trees also plays an important role in medicine and/or in pharmacy, industry, food production, wood production, aromatherapy, physiology, ecology, chemical ecology, as well as in other areas of engineering research and implementation. This Special Issue aims to provide new or comprehensive data on tree secondary metabolite profiles as well as of their correlations with other tree characteristics which are important for the growth of forests. In addition, chemical studies of trees based on investigations of proteomic and transcriptomic assemblies and their variability are also welcome.



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Special Issue



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Message from the Editorial Board

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