



Geographic Distribution of Quantitative Trait Variation and Genetic Variability in Natural Tree Species

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Message from the Guest Editors

Currently, the factor that most affects geographic and genetic diversity is the anthropogenic alteration of landscapes. These changes can alter natural selection, increase genetic drift, and interrupt contemporary gene flow. Thus, studies on the geographic distribution of quantitative trait variation and genetic variability of natural tree species are strategic for informing decision making and the assessment of impacts already occurring in the environment. This Special Issue aims to include selected theoretical and practical studies that advance our understanding of geographic distribution and variation of quantitative traits and genetic diversity using molecular and morphological markers for natural tree species.

Potential topics include but are not limited to:

Future perspectives for studies on landscape genetics;

Multiscale landscapes: genetic diversity and adaptive tree species;

Contemporary gene flow in tree populations;

Quantitative and genetic variation of tree populations;

Using molecular markers to inform landscape management planning.





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