



Introduced Forest Tree Species and Their Genetic Diversity

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Introduced tree species have become a significant element of forests across the world. They have been planted for various purposes such as wood production, erosion control and desertification mitigation. They may offer an opportunity to adapt forestry to the challenges of climate change. However, many introduced trees display an invasive behaviour threatening natural ecosystems. In spite of their impact in many ecosystems of the globe, their genetic variation and structure in their secondary range still remain largely unexplored. Understanding the genetics and genomics of these tree species is not only important in order to quantify their genetic diversity, to identify their origin or to assess the growth properties of different provenances. It may help elucidating the dynamics of invasion or processes of rapid post-introduction adaptation and may also assist future selection of resilient genotypes to increase their adaptive capacity in a changing climate.

We encourage submission of articles to this Special Issue from all relevant fields of Forest Genetics and Genomics, aiming to promote knowledge in the areas of genetics and genomics of introduced forest trees.





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