



Genetics and Genomics of Forest Trees

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Message from the Guest Editor

The continuous development of genetic maps in forest trees and the expansion of QTL and association mapping approaches contribute to unravel the genotype-phenotype relationship and to lead to marker assisted and genome-wide selection. However, major challenges lie ahead. Recent literature suggests that species demography and genetic diversity have been affected both by climatic oscillations and anthropogenically induced stresses in a way that future adaptation may be questionable. Moreover, the pace of contemporary environmental change put a great challenge on forest tree populations and their ability to adapt taking into account their life history characteristics.

We encourage manuscript submission to this Special Issue from all relevant fields, both regarding experimental studies and modelling approaches, in order to promote knowledge in the areas of genetics and genomics of forest trees including the management and conservation of forest genetic resources.





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Message from the Editor-in-Chief

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