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Molecular Genetics of Forest Trees and Applications in Breeding, Conservation and Management of Genetic Resources

Guest Editor:

Prof. Dr. Paraskevi Alizoti

Laboratory of Forest Genetics
and Tree Improvement, School of
Forestry and Natural
Environment, Aristotle University
of Thessaloniki, 54124
Thessaloniki, Greece

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Message from the Guest Editor

Dear Colleagues,

Molecular genetics is a key scientific area providing tools and applications to study the vast genetic diversity of forest tree species and their complex life histories; dissect complex traits; apply marker-based breeding strategies aiming towards tailored selection of parents and acceleration of breeding cycles; characterize forest genetic resources, in situ conservation networks, and ex situ collections; identify genetic lineages, endangered populations, and untapped genetic resources; and study the genetics/genomics of adaptation to changing environments to mitigate the climate change effects.

This Special Issue aims to publish cutting-edge results from across the globe on the above topics and synthesize the recent knowledge obtained from applying molecular genetics on tree breeding, conservation, and management of forest genetic resources in the face of climate change.

Dr. Evi Alizoti
Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Message from the Editor-in-Chief

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Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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