

Special Issue

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

Message from the Guest Editor

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

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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Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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