



forests

an Open Access Journal by MDPI



Genetics and Genomics of Forest Trees

Guest Editor:

**Prof. Dr. Filippos A.
Aravanopoulos**

Faculty of Agriculture, Forestry &
Natural Environment, Aristotle
University of Thessaloniki, P.O.
Box 278, University Campus,
Thessaloniki 54124, Greece

Deadline for manuscript
submissions:

closed (28 February 2018)

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.



mdpi.com/si/9179

Special Issue



forests



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

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

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank: JCR - Q1 (*Forestry*) / CiteScore - Q1 (*Forestry*)

Contact Us

Forests Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI