New advances in Tree (Epi)Genomics and Implications for Breeding and Management

Guest Editor:

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Message from the Guest Editor

Forest tree breeding programs started only a few decades ago with two main aims: To guarantee the genetic origin of the forest reproductive material used in reforestation and to improve tree characteristics. Further criteria have recently been added—notably, adaptation to abiotic and biotic factors in response to new socioeconomic needs and global changes. A decade after the first forest tree genome sequence was released, the rapidly evolving genomics and bioinformatics toolbox has advanced our understanding of tree genomes. The potential impact of these technologies is considered major for adapting forests to the changing demand from ecosystem services in terms of conservation and use, as well as climate change.

The present Special Issue in the journal *Forests*, entitled "New Advances in Tree (Epi)Genomics and Implications for Breeding and Management" encourages the submission of research as well as review papers dealing with new advances in tree genomics and epigenomics that could be related to new perspectives in tree breeding and management.

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Special Issue

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Message from the Editor-in-Chief

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