Special Issue

Genetics and Improvement of Forest Trees

Message from the Guest Editor

Forest tree improvement has mainly been implemented for the purpose of improving the productivity of planted forests. However, in the drastically changing global environment, tree improvements in various traits related to environmental adaptability are also required. Even in trees, abundant genomic or genetic information has been accumulated in several groups that are important as forest resources, such as Pinus, Picea, Cryptomeria, Populus, Eucalyptus, etc. Such information not only enables the rapid improvement of new traits, but also greatly contributes to the verification of the results of forest tree breeding programs that have been carried out and the improvement of the program itself based on them. However, there are not many cases where such genetic information is actually used in forest tree improvement. This Special Issue will focus on genetic information that contributes to tree improvement, including not only the inheritance of traits, but also genetic information related to physiological responses behind such traits. This issue will also focus on the specific application of genetic information to forest tree improvement.

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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.

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