Special Issue

Development of Nuclear SNP Markers for Tracing Timber

Message from the Guest Editor

Illegal logging is among the main causes of intense and continuous deforestation in the world. To curb deforestation and the sale of timber illegally extracted from natural forests, laws on the import and sale of timber are currently in force in several countries. Tracking the origin of timber based on documentation of forest management plans, cutting licenses, volume, and declaration of transported loads is not efficient because it can be easily falsified. Methods based on molecular markers (DNA fingerprint) have been proven to be efficient for tracking the origin of timber and combating fraud in the timber trade. The international timber market encompasses a significant tree diversity and the current number of species that had DNA markers developed is still insufficient for a global timber tracking. I invite contributions from applied research to DNA fingerprinting of tree species to help monitor the control of illegal timber inheritance and reduce deforestation and illegal timber inheritance in the world. The main objective of this Special Issue is to increase the amount of genetic information to control the origin of the commercialized timber.

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Deadline for manuscript submissions

closed (28 June 2024)

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

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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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