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Somatic Embryogenesis and Other Vegetative Propagation Technologies

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Message from the Guest Editors

Invasive species, pollution, and climate change are some of the forest problems which lead to the loss of habitats and plant species. For this purpose, vegetative propagation is a strategy to counteract these adverse effects. Vegetative propagation technologies make it possible to obtain new plants starting from different vegetative plant parts. Somatic embryogenesis, the preferred method for in vitro plant propagation, may offer many advantages in clonal multiplication.

In this Special Issue of *Forests,* we explore the potential applications of Somatic Embryogenesis and Other Vegetative Propagation Technologies with the aim of understanding the new possibilities in the restoration and conservation of forest biodiversity.

Potential topics include, but are not limited to:

- Somatic embryogenesis;
- Clonal propagation;
- In vitro micropropagation;
- In situ and ex situ conservation;
- Synthetic seeds;
- Sustainable forest management measures based on vegetative propagation;
- Genomics, proteomics, and transcriptomics aspects of somatic embryogenesis and other vegetative propagation techniques.

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Message from the Editorial Board

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