

## Special Issue

# Forest Genetic Resources: State, Pressure, Benefit and Response to Global Change

### Message from the Guest Editors

Forest genetic resources (FGRs) encompass the heritable materials in forest trees that are of actual or potential economic, environmental, scientific, or societal value. The genetic diversity of forest species is under threat due to deforestation, climate change, habitat fragmentation, and changes in land use. Responses to the pressures on forest genetic resources involve a combination of conservation, sustainable management, and policy measures. Conservation strategies include in situ conservation, which involves establishing and managing protected areas that maintain genetic diversity, and ex situ conservation, which includes developing seed banks, arboreta, and tissue culture facilities to preserve genetic material. In this Special Issue, we look at the latest advances and perspectives in the field of forest genetic resources, including genetic and epigenetic diversity, in situ and ex situ conservation, genetic mapping, sequencing, population genetics, forest genetic monitoring, climate change threats to forest genetics resources and their response to it, management strategies and new technologies applied to the protection and conservation of forest genetic resources.

### Guest Editors

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### Deadline for manuscript submissions

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## Forests

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