

Special Issue

Sustainable Management of Forest Genetic Resources

Message from the Guest Editor

Conservationists, tree breeders, and forest managers are at a critical junction in the discussion of how to best manage genetic resources for adaptation and uncertainty. In particular, the selection of seed source material, either local or non-local, for reforestation has become a fundamental and frequently debated topic for resource managers. Given the scale of ecosystem disturbances, habitat loss and degradation, and climate change, there is an urgent need to procure native seeds from across forest tree species and to secure genetic diversity and local adaptation in wild populations. This Special Issue plans to give an overview of recent advances in population genomics, ecological genetics, and evolutionary studies that will better guide seed source selection strategies, breeding, management and conservation programs, and reforestation strategies. It also aims to provide selected contributions on advances in the synthesis, characterization, and applications of genomic/genetic, ecological, and evolutionary studies to guide the development of critical management and conservation actions that increase genetic diversity, adaptation, and resilience of forest systems worldwide.

Guest Editor

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Message from the Editor-in-Chief

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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