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Genetic and Morphological Variation in Forest Trees and Impacts on Forest Ecosystems

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Message from the Guest Editor

In this Special Issue, we explore the state of knowledge on intraspecific and genetic variation in dominant forest trees, and the meaning of this variation for forest ecosystems. The issue will address wide-ranging questions such as: How variable are dominant forest trees within species? When traits are highly variable, how much variability can be attributed to genetic factors? How does variation in different traits (e.g., phenology, chemistry, morphology) compare within a species? How can intraspecific variation be modeled at the landscape scale? What are the implications of this variability for communities, ecosystems, evolution, and conservation? Finally, how might we predict and model genetic and morphological responses of forest trees to climate change?



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Special Issue



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