Growth-Promoting Nutrition in Forests

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Deadline for manuscript submissions:
closed (20 September 2023)

Message from the Guest Editor

Forest nutrition is a complex topic because of the longevity of trees, the various ways trees respond to increases in the availability of single or multiple plant-essential nutrients, the interactions of trees within a forest stand, and, of course, the biogeochemical cycling of nutrients within forest ecosystems. Measuring, understanding, and predicting short- to long-term responses of tree growth and forest stand dynamics to changes in nutrient availability, especially in response to fertilization, is, therefore, also complex and remains an active area for research. This Special Issue is dedicated to sharing the latest research-derived knowledge, understanding, and modeling of tree and forest growth responses to fertilization or natural variation in the availability of supply of plant-available nutrients; in particular, it addresses the underlying plant physiological changes, shifts in biomass allocation, forest stand dynamics, or effects on biogeochemical nutrient cycling.

Special Issue

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