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Estimating and Modeling Aboveground and Belowground Biomass

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Message from the Guest Editor

Accurate above-ground and below-ground biomass measurements, estimates, and analyses are critical components in quantifying forest carbon stocks and sequestration rates and assessing potential impacts due to climate change. To this end, biomass equations and estimated approaches at tree, stand, and forest levels have been and will remain a key component of future carbon measurements and estimation.

This Special Issue on “Estimating and modeling above ground and belowground biomass” aims to present the state-of-the-art developments and best practices in forest biomass and carbon estimation. The topics will include sampling and estimation methods for forest biomass and carbon; addressing forest biomass to forest carbon link; addressing forest biomass to forest silviculture or management, tree species diversity, and forest classification structures and approaches and challenges in integrating data from various sources to improve the accuracy at local, regional, national, and global scale.



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