Special Issue

Forest Biomass and Carbon Estimation

Message from the Guest Editor

Forests play a critical role in the functioning of global ecosystems and climate, including serving as an important CO_2 sink. Recently, we have seen intensified efforts by forest scientists around the world to identify the gaps in our understanding and to quantify the role of forests in carbon sequestration and the carbon cycle. The major focus has been on the development of allometric models to estimate aboveground biomass with limited work done in the estimation of belowground biomass. Furthermore, the estimation of forest carbon has been indirect through the assumed carbon content percent of dry biomass. This Special Issue on *Forest Biomass and Carbon Estimation* 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; and approaches and challenges in integrating data from various sources to improve the accuracy at local, regional, national, and global scale.

Guest Editor

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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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