



## Advances in Forest Growth and Biomass Estimation

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### Message from the Guest Editor

Forests play various roles in the carbon cycle, either as net emitters or net sinks. Carbon release and accumulation is, hence, a combined result of both natural processes (respiration and oxidation) and human activities (planting, harvesting, fires, and de/reforestation). Forests and their role in the carbon cycle are affected by changing climate conditions. Depending on the circumstances, climate change will either reduce or increase the potential of forests to sequester carbon.

As there is a continuous debate regarding the role of forest ecosystems in climate change mitigation, it is essential to properly and effectively estimate carbon storage by forests. Therefore, the principal objective of this Special Issue is to gather and disseminate the latest advances and developments in the field of biomass and carbon storage estimation and modeling in forest ecosystems. We encourage scholars from around the world to submit review papers, original research investigations, and case studies that cover the wide range of issues related to quantifying the possible storage of carbon by forest ecosystems.





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