Special Issue

Forest Biomass and Carbon Sequestration for Greener Future

Message from the Guest Editor

Forests play different roles in the carbon cycle, as either net emitters or net sinks. They sequester carbon from the atmosphere and accumulate it in the form of biomass, deadwood, litter, and in forest soils. Carbon release and accumulation is hence a combined result of both natural processes and human activities. However, forest management may have some influence on carbon sequestration by stimulating certain processes or hindering the impact of negative factors. Biomass estimation determines potential carbon emission that could be released into the atmosphere or evaluates the possible amount of carbon sequestered.

Therefore, the principal objective of this Special Issue is to gather and disseminate the latest advances and developments in the field of estimation and modeling biomass and carbon storage in forest ecosystems. We encourage scholars from around the world to submit review papers, original research investigations, and case studies that cover that wide range of issues related to quantifying the possible storage of carbon by the forest ecosystems.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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