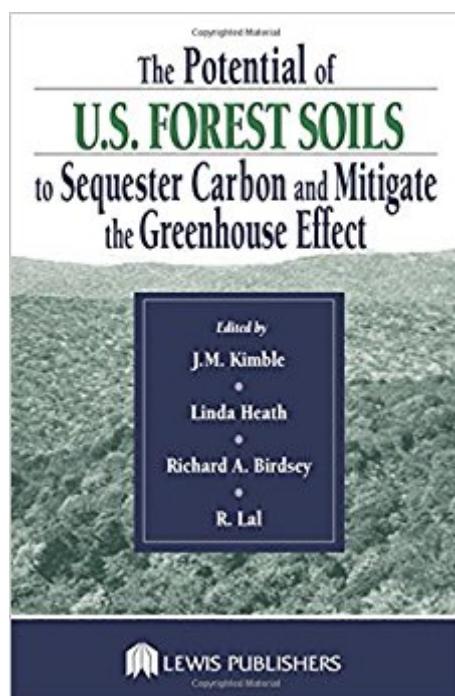


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# The Potential Of U.S. Forest Soils To Sequester Carbon And Mitigate The Greenhouse Effect



## Synopsis

Much attention has been given to above ground biomass and its potential as a carbon sink, but in a mature forest ecosystem 40 to 60 percent of the stored carbon is below ground. As increasing numbers of forests are managed in a wide diversity of climates and soils, the importance of forest soils as a potential carbon sink grows. The Potential of U.S. Forest Soils to Sequester Carbon and Mitigate the Greenhouse Effect provides researchers and policy makers with an understanding of soil processes and their relation to carbon dynamics, as well as strategies to monitor and techniques to measure forest soil carbon. It covers the effects of management on soils in a wide range of forest ecosystems together with policy options that are effective and benefit both the forest community and the over all environment. This valuable reference provides forest managers, urban planners, land owners, policy makers, and the general public with guidance that will allow for a holistic approach to land management, environmental quality, and improved forest productivity.

## Book Information

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"The chapters' organizational consistency (introduction, meaty analysis, conclusion) enhances assimilation of the abundant data gathered and clearly points to what is and is not known. Most of the concluding sections indicate what yet needs to be learned about this very dynamic process of sequestering. . . Abundant graphs, maps, and tables; very complete citation list. ^BSumming Up: Recommended." -E.J. Kormondy, emeritus, University of Hawaii at Hilo

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