

Special Issue

The Connection of Forest Dynamics and Carbon Accumulation

Message from the Guest Editors

Globally, forests are recognized as a key asset for mitigating CO₂ emissions. However, forest carbon sequestration and accumulation are influenced by forest dynamics. Within forests, biological, environmental, and management forces drive disturbance and succession, which ultimately shape and change forests, from local to global scales, over a range of temporal scales. The continuous shaping and changing of forests influence sequestration of carbon in live biomass and the accumulation and loss of carbon in dead organic matter and soil. To understand the carbon consequences of current and anticipated future changes a firm understanding of the relationship between forest dynamics, carbon sequestration, and carbon accumulation is needed. We encourage studies from all fields, including remote sensing applications, inventory approaches, modeling and projection techniques, and empirical approaches, to contribute to this special issue in order to promote a more complete understanding of the connection between forest dynamics, carbon sequestration, and carbon accumulation.

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Deadline for manuscript submissions

closed (1 June 2019)



Forests

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Impact Factor 2.5
CiteScore 4.6



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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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