

Special Issue

Dynamics Soil Carbon in Tropical Forest

Message from the Guest Editors

Soil represents the largest terrestrial carbon (C) pool on earth, and tropical forests and savanna are globally significant soil C sinks. However, human activities, including those affecting climate change and land use as well as those inducing shifts in fire frequency and intensity and alterations in wetland ecosystem hydrology, have the potential to alter soil C storage. These changes are occurring in tropical ecosystems worldwide, but there is little consensus as to how these changes will alter soil C storage and ecosystem feedbacks to atmospheric C fluxes. This Special Issue welcomes contributions that address soil C storage and ecosystem-atmospheric C exchanges in tropical forests and savannas across the globe. In particular, we encourage papers that address human impacts on soil C storage and fluxes, investigate new methodologies that show promise for quantifying changes in soil C pools and fluxes, and consider syntheses across a variety of spatial and temporal scales.

Guest Editors

Prof. Dr. Osvaldo Borges Pinto Júnior

Dept. Environmental Science, University of Cuiabá, Cuiabá, Mato Grosso, Brazil

Prof. Dr. George L. Vourlitis

Department of Biological Sciences, California State University, San Marcos, CA 92096, USA

Deadline for manuscript submissions

closed (15 November 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/118221

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).