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)



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

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Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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