Special Issue

Forest Soil Carbon Cycle in Response to Global Change

Message from the Guest Editors

Forests are key components of the global carbon cycle storing more than 39% of the total terrestrial organic carbon both below and above ground. Knowledge of the diversity of plant species' effect on soil organic carbon formation and storage is limited. A better understanding of the relationships between biodiversity, productivity, and carbon sequestration may help in maintaining forest productivity and improving terrestrial carbon cycling, feedback, and their future projection in the context of global change. This Special Issue aims to synthesize the current understanding of relationships between forest productivity, biodiversity, microbial diversity, and carbon persistence and formation, to solve the mechanisms of species diversity affecting soil organic carbon accumulations, and to illustrate how this knowledge could be translated into forest management strategies and long-term carbon sequestrations sustainably in the context of global change. Manuscripts focusing on forest species diversity, carbon cycling, microbial diversity, soil carbon, litter decomposition and soil carbon formation and persistence are welcomed in this Special Issue.

Guest Editors

Dr. Maokui Lyu

Prof. Dr. Jingsheng Xie

Dr. Minhuang Wang

Deadline for manuscript submissions

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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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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

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