

Special Issue

Measurement and Assessment of Carbon and Water Fluxes in Forest Ecosystem

Message from the Guest Editors

Forests are a critical component of the global carbon cycle and important sources of water. Forests are also vital to comprehensive, landscape-scale adaptation responses to climate change. A good forest ecological carbon sequestration capacity requires sustainable and efficient water-use efficiency. We can enhance forest ecosystem water utilization through improving forests' carbon sequestration capacity and impact mechanism to increase carbon absorption and reduce GHG emissions. It is necessary to carry out research on carbon and water flux changes. Forest ecosystems differ globally, necessitating the measurement and assessment of carbon and water fluxes in different forest ecosystems to achieve carbon neutralization and peak. This Special Issue calls for submissions contributing new theories, methods, and technologies for measuring and assessing carbon and water fluxes. It aims to provide an up-to-date compendium of recent research in this field worldwide, providing an opportunity for researchers to present their findings on the measurement and assessment of carbon and water fluxes in forest ecosystems and their relationship to climate change.

Guest Editors

Prof. Dr. Celso Augusto Guimarães Santos

Dr. Richarde Marques Da Silva

Prof. Dr. Chunhui Li

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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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

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