

Special Issue

The Impact of Soil Carbon Sequestration on Ecosystem Services

Message from the Guest Editors

Various aspects of the mechanisms and consequences of carbon sequestration in water and land ecosystems are extensively studied worldwide. Accumulation of carbon in biomass and organic matter of soil and sediments, in its turn, may have multiple consequences for ecosystem services, and this phenomenon is much less studied than other aspects of carbon cycling. The aim of the current Special Issue is to reflect the state of the art of studies focused on carbon cycling in terrestrial and tidal ecosystems and the effect of carbon accumulation on multiple ecosystem services. The main themes proposed for this Special Issue are:

- Ecosystem services are dependent on carbon storage and cycling;
- Mechanisms of carbon accumulation in natural terrestrial ecosystems;
- Carbon sequestration in tidal ecosystems;
- Agriculture and agroforestry potential in carbon sequestration and ecosystem services provision;
- Carbon sequestration in urban environments;
- Economic and social value of carbon sequestration and corresponding ecosystem services.

Guest Editors

Dr. Pavel Krasilnikov

Prof. Dr. Lúcia Helena Cunha dos Anjos

Prof. Dr. Ligang Xu

Deadline for manuscript submissions

closed (15 December 2023)



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Land
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
land@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and Geography, Department Sustainable Landscape Development, University of Halle, Von-Seckendorff-Platz 4, 06120 Halle, Germany

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