

Special Issue

Urban and Natural Wetland Carbon Cycle

Message from the Guest Editors

Wetlands play an important role in the global carbon cycle as a result of the large amounts of organic carbon that are stored in vegetation and soils. However, the carbon turnover in different types of wetland ecosystems and their potential for carbon emission reduction and carbon sink increase are unclear.

Potential authors are invited to contribute original research on and related to the following topics:

Wetland carbon budget accounting methodology;

Hydrogeological and ecophysiological sustainability in urban and natural wetlands;

Urban wetland and sustainable development of urban economy;

Comparative study on carbon turnover between urban and natural wetlands;

Wetland protection compensation mechanism;

Impacts of human activities on wetland carbon cycle;

Current situation of wetland resources and carbon cycle;

Quantitative study on the effect of wetlands on carbon neutralization;

Information management needed for sustainable carbon management of wetlands;

Wetland conservation case studies;

Study on carbon assessment of wetland restoration system;

Monitoring: its role in enhancing wetland carbon management.

Guest Editors

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Deadline for manuscript submissions

closed (1 November 2023)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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