

## Special Issue

# Carbon Cycling and Carbon Sequestration in Wetlands

### Message from the Guest Editors

Wetlands are the largest carbon pools available and play a vital role in global carbon cycling and carbon sequestration, making them crucial for climate mitigation. This Special Issue aims to reflect on state-of-the-art studies that focus on carbon cycling and carbon sequestration potential in terrestrial and tidal wetland ecosystems. In doing so, experts from different fields will be brought together, including soil scientists, biologists, geologists, hydrologists, social and economic scientists, and others. The submission of manuscripts that link the following themes will be welcome:

- Carbon cycle process and environmental impacts;
- Carbon sequestration mechanisms in terrestrial and coastal ecosystems;
- The estimation of carbon sequestration potential;
- Technologies enhancing carbon sequestration and carbon sink;
- The economic and social values of carbon sequestration.

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### Guest Editors

Prof. Dr. Ligang Xu

Dr. Xiaobing Chen

Dr. Junxiang Cheng

Dr. Jiaying Xu

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### Deadline for manuscript submissions

30 December 2025



## Land

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*Land*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[land@mdpi.com](mailto: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.

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### 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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