



Carbon Cycling in the Terrestrial Environment and Environmental Sustainability

Guest Editor:

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Deadline for manuscript
submissions:

closed (10 December 2025)

Message from the Guest Editor

We are delighted to announce a new Special Issue of the journal Sustainability, entitled "Carbon Cycling in the Terrestrial Environment and Environmental Sustainability". This issue explores carbon fluxes in natural and engineered settings, contributing to climate change mitigation and sustainable land management. Aligning with the journal's goal, this Special Issue enhances scientific understanding of global change and sustainable development.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

1. Soil carbon sequestration;
2. Land use change and carbon fluxes;
3. Carbon allocation in plants;
4. Microbial contributions to carbon cycling;
5. Carbon–nitrogen interactions;
6. Quantifying carbon stocks and fluxes;
7. Economic and social implications of carbon cycling practices;
8. Vertical agriculture for carbon management.





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Editor-in-Chief

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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.

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Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

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