

Special Issue

Recent Advances in Global Climate and Ecology Change

Message from the Guest Editors

Global environmental change is rapidly altering the dynamics of vegetation, with consequences for the structure, composition, and function of the terrestrial ecosystem. Terrestrial ecosystems and their responses to climate change have been given priority in global change research, owing to their important role in offsetting climate warming and rising atmospheric CO₂ concentration. Climate change is likely to pose unpredictable risks to terrestrial ecosystems, and recent global changes have heightened our need to better understand ecosystem responses to the changing climate and to prepare optimal adaptive strategies. This Special Issue aims to explore recent advances in global climate and ecology change. Original research articles, short communications, review articles, and perspectives in this research field are welcome for submission. The research topics include, but are not limited to:

- Ecosystem carbon cycles;
- Climate change and ecological responses;
- Global change and land use or land cover change;
- Biodiversity and forest disturbances under climate change;
- The impact of global changes on the distribution of species;
- Climate change and terrestrial ecosystems.

Guest Editors

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Dr. Hai-bo Gong

Deadline for manuscript submissions

closed (30 July 2022)



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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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