

## Special Issue

# Responses of Vegetation to Global Climate Change

### Message from the Guest Editors

Vegetation plays a critical role in responding to global climate change as it is an integral part of ecosystems and essential for their stability and functioning. Here are some of the most significant responses of vegetation to global climate change: changes in the growing season, changes in plant communities, and changes in species diversity. This Special Issue aims to investigate the responses of vegetation to global climate change. Potential topics include, but are not limited to:

- The response of **vegetation dynamics** to changes in climatic variables;
- The interaction between multiple factors and land **vegetation productivity**;
- The impacts of climate extremes and change in **vegetation ecosystems**;
- The feedback mechanisms of vegetation dynamics on **climate change**;
- The driving mechanism of vegetation change due to **human activities and/or natural phenomena**;
- **Vegetation damage and restoration** after extreme climate conditions

If you have any plans, please let us know. You could write to us via email or contact the assistant editor at [juicy.yang@mdpi.com](mailto:juicy.yang@mdpi.com)

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### Guest Editors

Dr. Jie Zhao

Dr. Jie Gao

Dr. Ziqiang Du

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### Deadline for manuscript submissions

closed (31 July 2024)



## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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