

## Special Issue

# Climate Change and Terrestrial Vegetation Processes

### Message from the Guest Editor

Terrestrial vegetation plays a vital role in determining regional and global climate through biogeochemical and biogeophysical processes, and the climate in turn affects ecosystem processes and functions. Improving our understanding on the climate-vegetation interaction is urgent as it forms the science basis that helps make policies to mitigate and adapt the climate change. Models that describe the physical, chemical, and biological processes occurring in the biosphere and the atmosphere are basic science tools for us to investigate the complex coupling between the climate and terrestrial vegetation: including but not limited to, identification and understanding of processes not yet included in the models or unexplored feedbacks that are related to climate and vegetation, newly developments of numerical models of the biosphere-atmosphere system and its components, comprehensive evaluations and comparisons of previously published models of the biosphere-atmosphere system using field and remote sensing observations, and novel model experiments and applications that help improve our understanding on climate change and terrestrial vegetation.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 December 2022)



## 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, and 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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