

Special Issue

Phenological Diversity in a Warming World: From Plants to Ecosystems

Message from the Guest Editors

Climate change is affecting plant physiology, phenology, growth, geographic distribution, responses to environmental stresses, and ecosystem species composition and functioning. Climate warming can alter the length and timing of the growing season, and variations in phenological responses among plant species can influence interactions between plants, animals, and insects, with cascading effects on ecosystem function. In addition, other environmental factors—such as drought and heat waves—can further modify these phenological responses. To address these complex dynamics, *Diversity* and *Plants* are jointly launching this Special Issue, which aims to serve as a central hub for research on phenological responses to climate change across all plant species and levels of organization—from leaves and individual plants to plant communities, and from controlled environments to field studies. We believe that bringing together such a concentrated body of research on this topic will significantly advance our understanding of plant and ecosystem performance under projected future climate conditions.

Guest Editors

Prof. Dr. Qinglai Dang
Dr. Ashley Thomson
Dr. Sahari Inoue

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About the Journal

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.

Editor-in-Chief

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