

Special Issue

Plant Adaptation to Climate Change

Message from the Guest Editor

The Earth's climate, and the concentration of CO₂ in the atmosphere, have changed significantly since the beginning of the Industrial Revolution in Europe, and are projected to continue changing. In addition to changes in temperature and CO₂, ozone concentrations, and drought and flooding frequencies have changed or will probably change. Besides having important direct effects on plants, these changes may affect adaptive responses of plants, both crop and non-crop, to the altered environment. Many innovative exposure systems have now been developed to quantify plant responses to global change conditions. This Special Issue aims to assess current understanding of what heritable attributes of plants have already changed or likely will change as plants adapt or are adapted by breeding programs to these environmental changes.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2017)



Plants

an Open Access Journal
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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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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.

Editor-in-Chief

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