

Special Issue

Plant Water Relations: New Solutions for Ancient Challenges

Message from the Guest Editors

The XVI Spanish–Portuguese International Symposium on Plant Water Relations of the Spanish and Portuguese Society of Plant Biology to be held in 2024 constitutes a meeting point for researchers in this field. Plant–water relations deal with the control of the hydration of plant cells, including water uptake from the soil, water transport throughout the plant and its loss through transpiration in the leaves. The Symposium slogan is “Water relations in plants: new solutions for ancient challenges”. In this context, the Symposium covers the following issues: i) water relations in natural vegetation, ii) genetic and molecular aspects of plant–water relations, iii) water stress in crop plants, iv) new methodologies for the study of plant–water relations, and v) water movement throughout the plant. This Special Issue of *Plants* will highlight the most outstanding contributions of this Symposium, which aims to advance the field of plant–water relations.

Guest Editors

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Dr. Domingo Sancho-Knapik

Dr. José Javier Peguero-Pina

Deadline for manuscript submissions

closed (30 June 2024)



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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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