

Special Issue

Forage Plant Ecophysiology under Different Stress Conditions

Message from the Guest Editors

Forage production is likely to occur in fragile environments with low fertility and diverse limitations. The main topic of this Special Issue is the study of the effects and new mechanisms of tolerance and recovery to different conditions of environmental stress on forage species. Moreover, climate change could increase the likelihood of several stress events due to, severe rainfall leading to soil waterlogging or submergence, extreme temperatures and drought conditions, negatively influencing plant growth and productivity. Knowledge of the effects and mechanisms of tolerance and recovery to abiotic stress conditions are important as a basis for the genetic improvement of forage species and to develop optimal grazing management strategies that facilitate the production, quality and persistence of valuable species and environmental sustainability. In this Special Issue, contributions (original research papers, perspectives, hypotheses, opinions, reviews, modelling approaches and methods) on forage plants, canopies and pastures (C3/C4 grasses and legumes) from different fields of research such as biochemistry, physiology, ecophysiology and crop science are most welcome.

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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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