

Special Issue

Ecophysiology and Ecology of Grassland

Message from the Guest Editors

Natural grassland is one of the most important ecosystems on the earth, and it has multiple functions such as biomass production, ecology, economy, culture and entertainment. Natural grassland is facing various threats around the world and has become one of the most degraded ecosystems due to overuse, low maintenance input and climate change. Biomass production and species composition can comprehensively reflect grassland structure and functional changes in response to abiotic stress and environmental change. The ecophysiological and ecological analysis of key species and the community traits will be beneficial to better understand the dynamics of biomass elaboration and renewal of natural grassland. This Special Issue mainly focuses on the integrated research from species to ecosystem level in natural grasslands in response to human disturbances, abiotic stresses and climate change. We welcome the manuscripts submitted by newly minted PhDs to present their updated research results within the topic.

Guest Editors

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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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